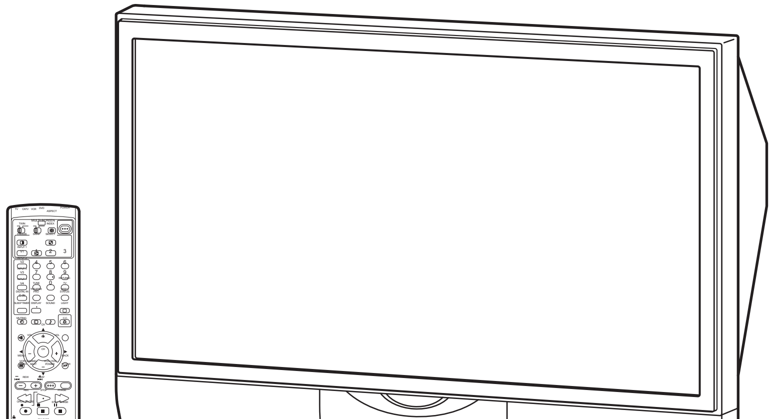
JVC

SERVICE MANUAL

REAR PROJECTION TELEVISION

HD-52Z575,
HD-52Z585,
HD-61Z575,
HD-61Z585

BASIC CHASSIS
RP2



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No.YA092
2004/6

SPECIFICATION

Items		Contents	
		HD-52Z585 HD-52Z575	HD-61Z585 HD-61Z575
Dimensions (W x H x D)		126.4cm x 91.4cm x 41.2cm (49-7/8" x 36 x 16-1/4")	145.3cm x 104.2cm x 47cm (57-1/4" x 41 x 18-1/2")
Mass		37.8kg (84lbs)	44.3kg (98lbs)
TV RF System		CCIR (M)	
Color System		NTSC	
Sound System		BTSC (Multi Channel Sound)	
Teletext System		Closed Caption (T1-T4 / CC1-CC4)	
TV Receiving Channels and Frequency	VHF Low	(02ch~06ch) 54MHz~88MHz	
	VHF High	(07ch~13ch) 174MHz~216MHz	
	UHF	(14ch~69ch) 470MHz~806MHz	
	CATV	54MHz~804MHz Low Band : 02~06 by 02~06 High Band : 07~13 by 07~13 Mid Band : A~I by 14~22 Super Band : J~W by 23~36 Hyper Band : W+1~W+28 by 37~64 Ultra Band : W+29~W+84 by 65~94, 100~125 Sub Mid Band : A-8, A-4~A-1 by 01, 96~99	
TV / CATV Total Channel		180 Channels	
Intermediate Frequency	Video IF	45.75MHz	
	Sound IF	41.25MHz (4.5MHz)	
Color Sub Carrier		3.58MHz	
Power Input		AC120V, 60Hz	
Power Consumption		195W (Max)	
Projection Source		110W High-pressure mercury lamp	
Projection Device		HD-ILA device [H:1,312 x V:800 x 3(R/G/B)]	
Screen		Transparent screen (unitized fresnel lens / lenticular lens)	
Screen Size		52" (132cm) Measured diagonally	61" (155cm) Measured diagonally
Speaker		10cm round x 2 (Oblique corn)	
Audio Power Output		10W+10W	
Antenna Terminal (VHF/UHF)		75Ω unbalanced, coaxial, F-type connector x 1	
External Input (1/2/3/4)		Video / Audio (within center CH Input)	
	Video	1V (p-p), 75 Ω, negative sync (RCA pin jack x 4)	
	Audio	500mV(rms) (-4dBs), high impedance (RCA pin jack x 9)	
	[INPUT-1/3/4] S-Video	Mini-DIN 4pin connector x 3 Y: 1V (p-p) positive, 75Ω negative sync provided C: 0.286V(p-p) (burst signal)	
	Component Video [INPUT-1/2]	Y: 1V (p-p), 75Ω (RCA pin jack x 2) Pb: ±0.35V, 75Ω (RCA pin jack x 2) Pr: ±0.35V, 75Ω (RCA pin jack x 2) 1080i DTV (digital broadcast) ready	
Digital Input		HDMI connector x 1 (This Digital-in terminal is not compatible with picture signals of personal computer.)	
	Video	Digital : HDMI connector	
	Audio	Analog : 500mV(rms) (-4dBs), high impedance (RCA pin jack x 2)	
Audio Output (VARI/FIX)		VARI : More than 0 to 1000mV (rms) (+2.2dBs) FIX : 500mV(rms) (-4dBs), low impedance (1kHz when modulated 100%) (RCA pin jack x 2)	
Sub woofer Output		More than 0 to 1000mV (rms) (+2.2dBs) (RCA pin jack x1)	
AV Compulink III		3.5mm mini jack	
Remote Control Unit		RM-C15G (AA/R6/UM-3 battery x 2)	

Design & specifications are subject to change without notice.

SECTION 1
PRECAUTIONS

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts that have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Use isolation transformer when hot chassis.**
The chassis and any sub-chassis contained in some products are connected to one side of the AC power line. An isolation transformer of adequate capacity should be inserted between the product and the AC power supply point while performing any service on some products when the HOT chassis is exposed.

(5) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED(NEUTRAL) : (⏚) side GND and EARTH : (⏚) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.
If above note will not be kept, a fuse or any parts will be broken.

(6) The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.

(7) If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).

(8) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

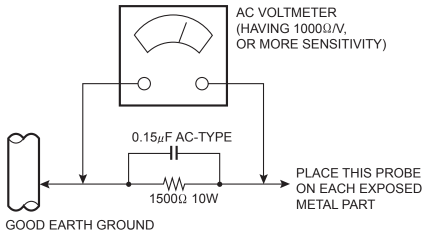
(9) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(10) **Isolation Check**
(Safety for Electrical Shock Hazard) After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 1100V AC (r.m.s.) for a period of one second.
(. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires test equipment not generally found in the service trade.

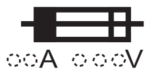
b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s).

- **Alternate Check Method**
  Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
  However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).

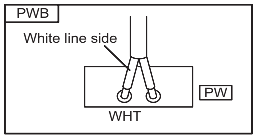


(11) **High voltage hold down circuit check.**
After repair of the high voltage hold down circuit, this circuit shall be checked to operate correctly.
See item **"How to check the high voltage hold down circuit"**.

This mark shows a fast operating fuse, the letters indicated below show the rating.



POWER CORD REPLACEMENT WARNING.
Connecting the white line side of power cord to "WHT" character side.



1.2 INSTALLATION

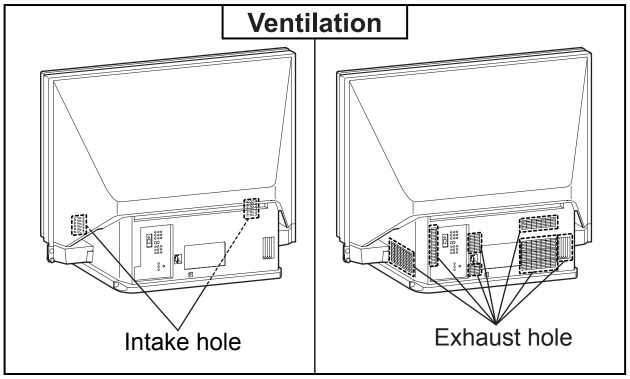
1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the predetermined level and power will be turned off automatically.

Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

⚠ **Do not put foreign objects near the ventilation holes as this can result in fire or electrical hazards.**

⚠ **Do not block the ventilation holes as this may cause the internal temperature to rise and possibly result fire.**



1.2.2 INSTALLATION REQUIREMENTS

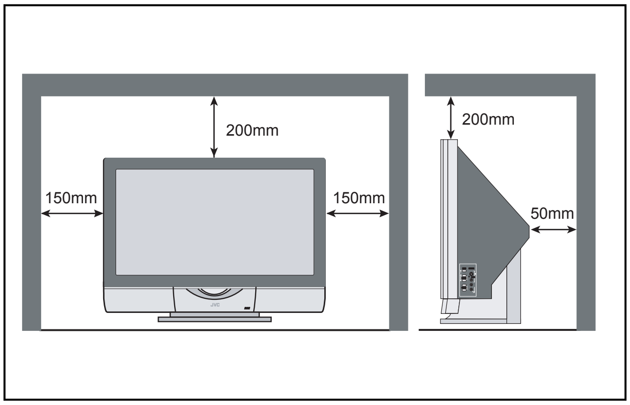
Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc.

Install the unit on stable flooring.

Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

Caution for installation

- Do not tilt the TV towards the left or right, or toward the back.
- Install the TV in a corner on the floor so as to keep cords out of the way.
- The TV will generate a slight amount of heat during operation. Ensure that sufficient space is available around the TV to allow satisfactory cooling.



1.3 LAMP UNIT HANDLING CAUTION

1.3.1 PRECAUTION FOR LAMP UNIT

⚠ **The lamp emits high intensity white, ultraviolet and infrared light. Do not look directly at the light during service. Also, do not touch the lamp directly as it presents a burn hazard.**

⚠ **Handle with extra care. This lamp emits high heat and contains high-pressure during use.**

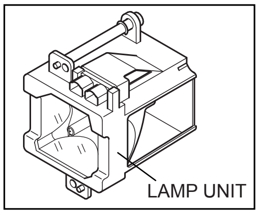
⚠ **Do not give any impact as this may cause the broken lamp.**

1.3.2 PRECAUTION FOR REPLACEMENT

- Do not replace the light-source lamp immediately after the projector has been used.
  The temperature of the light-source lamp is still high and could cause a burn.
  Allow a cooling period of one hour or more before performing replacement.
- Before starting light-source lamp replacement work, turn off the MAIN POWER switch, and disconnect the power cord from the wall outlet.
- If touched, the lamp glass surface may rupture and burns may result.
  Do not touch the glass portion or metal portion. Handle only plastic handle.

1.3.3 LAMP TIMER RESET

- Refer to the [LAMP REPLACEMENT INSTRUCTIONS] for a detailed operating discription.
- Use the lamp timer reset only after replacing the lamp.



■ **How to reset Lamp timer**

1. Press the MENU key on the remote controller.
2. Select the [LAMP TIMER RESET] with [▲/▼] key.
3. Enter the [LAMP TIMER RESET] mode the message will appears.
4. Press the [OK] key while the above message appears on the screen.
5. The [LAMP TIMER] has now been reset.

[Lamp Message]

LAMP NEEDS TO BE REPLACED.
REFER TO OWNER'S MANUAL FOR
REPLACEMENT INSTRUCTIONS.

AFTER REPLACING THE LAMP,
PLEASE RESET TIMER IN THE TV
MENU.

PRESS OK, IF YOU DO NOT WAN
TO SEE THIS MESSAGE AGAIN.

If this message appears when turn the TV on, need to replace the lamp.

Note:

□This message will appear every time turn on the TV when the lamp needs to be replaced. Press the OK button to make the message disappear, or replace the lamp.

1.4 SCREEN HANDLING CAUTIONS

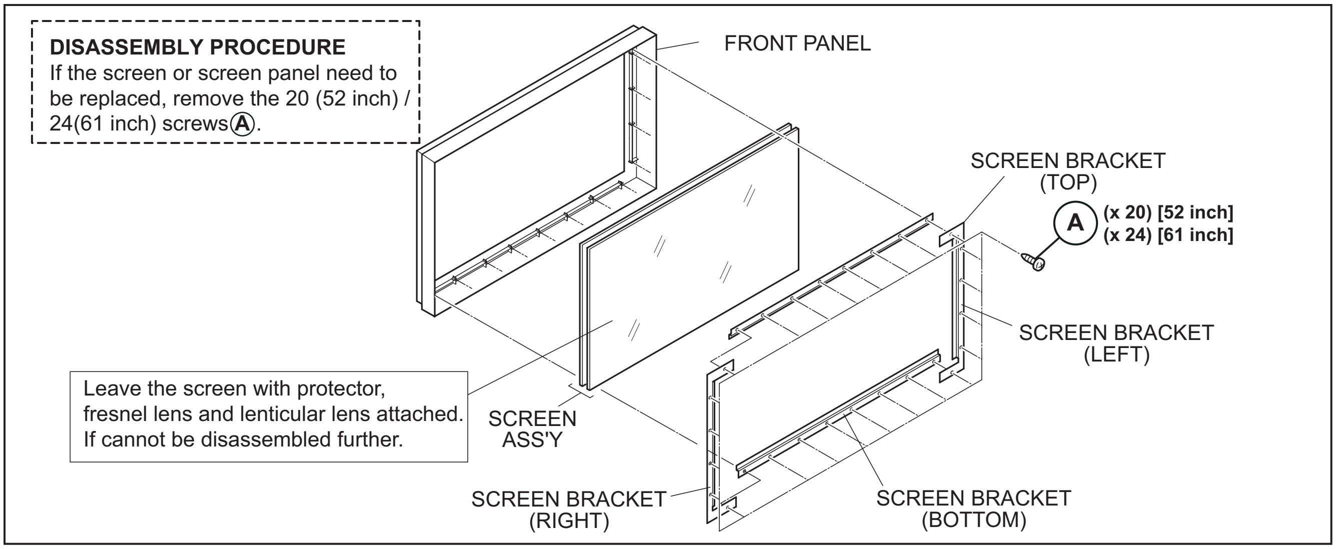
1.4.1 SCREEN STORAGE

Store the SCREEN ASS'Y in a standing position in order to avoid deformation. If the screen is stored horizontally, there is risk of deforming the screen face.

When necessary to place the SCREEN ASS'Y horizontally, position the screen side upwards and sure to place spacers between the screen and resting site (floor or stand etc.) to prevent the screen from sagging.

1.4.2 SCREEN SURFACE

Since the screen surface is easily scratched or soiled, use ample care when handling.



DISASSEMBLY PROCEDURE
If the screen or screen panel need to be replaced, remove the 20 (52 inch) / 24(61 inch) screwsⒶ.

Leave the screen with protector, fresnel lens and lenticular lens attached. If cannot be disassembled further.

1.4.3 PRECAUTIONS FOR CLEANING AND REPLACEMENT

- The screen assembly is made from the lenticular lens and fresnel lens.
  The anti static proceeding and the AR coating cover the surface of the lenticular lens.
  Rubbing the surface with something hard, the coating may peel off.
- When the screen is dirty, gently wipe it with a soft cloth.
  If the screen is very dirty, wipe it down with a cloth dipped in a diluted kitchen cleaner (neutrality detergent) and thoroughly wrung-out.
  Then wipe immediately after with clean, dry cloth.
  Never use the organic solvent such as the alcohol or benzine.
- The screen assembly replacement is required if the coating was peel off.
  Alkaline detergent or acidity detergent can not be be used.
- The notched side of the lenticular lens and the fresnel lens are faced each other.
  Do not rub the screen when cleaning it or replaceing it.
  Rubbing the screen may cause of the scratch of the screen by its notch.

1.5 SERVICE PARTS KIT INSTRUCTIONS

Due to the character of this product, these 3 parts kits are prepared.

Please note these matters when replacing or ordering the parts.

1.5.1 PART NUMBER AND CONSTRUCTION

Parts Number	Part name
TS-COP5A-SA	OPTICAL / DRIVE ASS'Y

■ OPTICAL / DRIVE ASS'Y CONSTRUCTION

- OPTICAL BLOCK
  (Included HD-ILA DEVICE, PROJECTION LENS)
- MAIN DRIVE PWB ASS'Y

■ PRECAUTION FOR USING

1) When it is required to replace one of these, replace this kit.
   Replace all components of this kit.
   : HD-ILA device, optical block MAIN DRIVE PWB ASS'Y.
   The memory IC stored adjustment data.
   So it is required to replace all parts together.
2) When replace the MAIN DRIVE PWB ASS'Y, take off the memory IC from the original board and replace with new one.
   When replace the MAIN DRIVE PWB ASS'Y, do same manner. Replace memory IC.
3) After the replacement of the Optical block, objective lens focus adjustment is required.

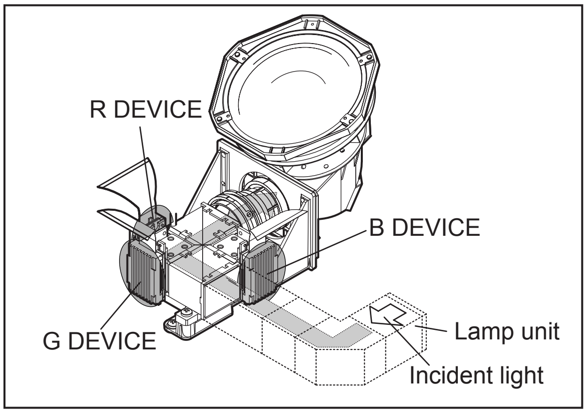
SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 TECHNICAL INFORMATION

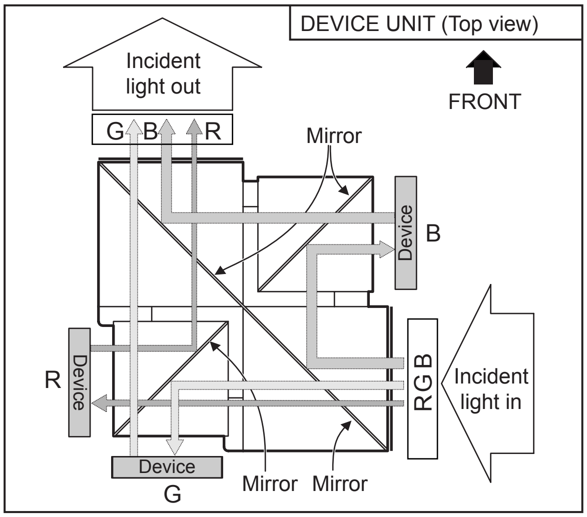
2.1.1 FEATURES

- This projection TV is equipped with 3 pieces of HD-ILA devices.
- Newly developed HD-ILA devices are mounted.
- This projection TV enables the complete projection of 1,312 x 800 dot S-XGA (totaling the effective number of 3,148,800 pixels, 3 RGB devices).
- A newly developed mercury lamp and a numerical aperture as high as 93% can produce high output of light.
- A contrast ratio of 1000:1 reproduces a contrast image with high fidelity.
- This projection TV features portability, high density, high numerical aperture, compact devices, as well as the lightest weight in its class.
- The digital gamma compensation realizes high-fidelity reproduction of a dark part and a bright part on an image and facilitates gradation adjustment.
- A newly developed mercury lamp is used to ensure high-fidelity color reproduction.
- This projector is compatible with various sources, including the ADPC (adaptive digital pixel conversion) of natural images and animations recorded as data.
- This projection TV features a newly developed mercury lamp that a user can replace.

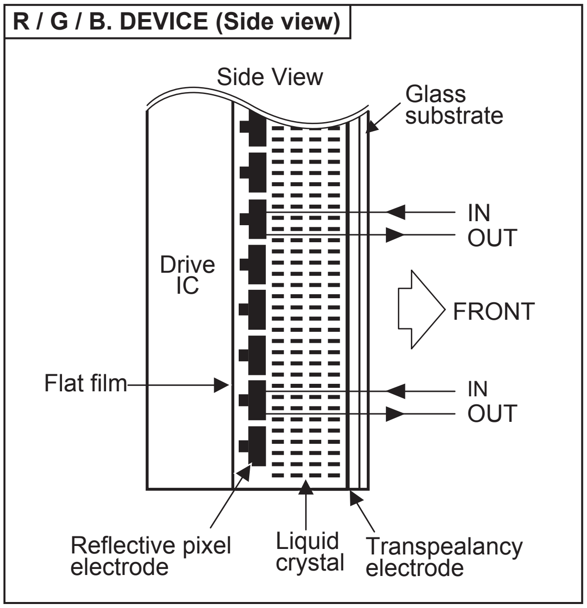
2.1.2 PROJECTION UNIT


R DEVICE
B DEVICE
G DEVICE
Lamp unit
Incident light

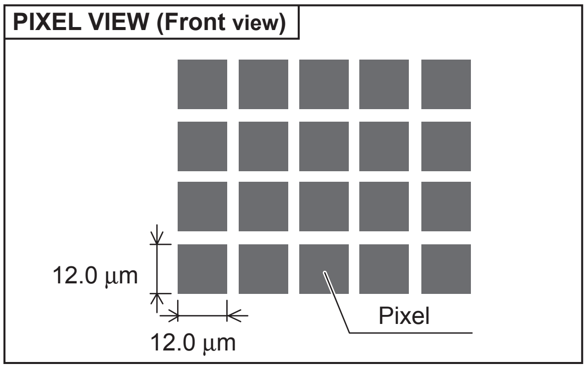
2.1.3 IMAGE LIGHT FLOW


DEVICE UNIT (Top view)
Incident light out
FRONT
G B R
Mirror
Device
B
R G B
Incident light in
R
Device
Device
G
Mirror
Mirror

2.1.4 HD-ILA DEVICE STRUCTURE


R / G / B. DEVICE (Side view)

Side View
Glass substrate
IN
OUT
Drive IC
FRONT
Flat film
IN
OUT
Reflective pixel electrode
Liquid crystal
Transpealancy electrode


PIXEL VIEW (Front view)

12.0 µm
12.0 µm
Pixel

2.1.5 SPECIFICATION

Resolution (Pixel number)	H:1,312 x V:800 x 3 (R/G/B) at about 3,200,000(Pixels)
Pixel Pitch (Pixel Size)	12.0µm(H) x 12.0µm
Aspect ratio	16 : 9
Contrast ratio	1000 : 1
Aperture ratio	93% or more
Effective pixel measurement	0.907"

2.1.6 MAIN (CHASSIS) COMPUTER (CPU) FUNCTION (DIGITAL SIGNAL PWB / IC7001 : MN102H60K)

Pin No.	Pin name	I/O	Function
1	NC	-	Not used
2	P_MU	O	Picture muting [Muting : H]
3	N.C	-	Not used
4	A_MU	O	Audio muting [Muting : H]
5	NC	-	Not used
6	NC	-	Not used
7	ON_TIMER	O	dimmer operating [Low dimmer : L]
8	N.C	-	Not used
9	N.C	-	Not used
10	N.C	-	Not used
11	POW_LED	O	Lighting for POWER LED [ON : H]
12	WORD	O	Programming control
13	MI-CK	I	Communication for MAIN CPU
14	MI-TK	I	Communication for MAIN CPU
15	MI-RX	O	Communication for MAIN CPU
16	MI-REQ	O	Communication for MAIN CPU
17	VDD	I	3.3V
18	N.C	-	Not used
19	VSS	-	GND
20	X1	I	STB 3.3V
21	N.C	-	Not used
22	VDD	I	3.3V
23	OSC1	I	Oscillation for system clock (Input)
24	OSCO	O	Oscillation for system clock (Output)
25	MODE	I	STB 3.3V
26	NC	-	Not used
27	A92_RST	O	Reset for TC90A92 [RESET : H]
28	NC	-	Not used
29	NC	-	Not used
30	N.C	-	Not used
31	NC	-	Not used
32	NC	-	Not used
33	N.C	-	Not used
34	AVDD	I	STB 3.3V
35	NC	-	Not used
36	DsyncSW2	O	Digital sync. signal select
37	NC	-	Not used
38	N.C	-	Not used
39	NC	-	Not used
40	MECA_SW	I	Power ON (mecha)
41	MAIN_POW	O	Main power control [ON : L]
42	VARI/FIX	O	Vari & Fix sel. [VARI : L]
43	VREF	-	GND
44	NC	-	Not used
45	AFT1	I	AFC control
46	KEY2	I	Front key
47	KEY1	I	Front key
48	N.C	-	Not used
49	N.C	-	Not used
50	AC_IN	I	AC for timer count
51	NC	-	Not used
52	NC	-	Not used
53	N.C	-	Not used
54	VREF	I	STB 3.3V
55	PDP_TX	O	Communication for Main drive CPU
56	PDP_RX	I	Communication for Main drive CPU
57	SDA0	I/O	I^{2}C bus (data) for IC memory
58	SCL0	O	I^{2}C bus (clock) for IC memory
59	NC	-	Not used
60	NC	-	Not used
61	AVSS	-	GND
62	DIN_PHOT	I	Optical DET. out
63	NC	-	Not used
64	NC	-	Not used
65	NC	-	Not used
66	VDD	I	STD 3.3V
67	NC	-	Not used
68	NC	-	Not used
69	NC	-	Not used
70	NC	-	Not used
71	N.C	-	Not used
72	N.C	-	Not used
73	SBD5	I/O	For flash memory written
74	SBT5	I	For flash memory written
75	NMI	I	3.3V
76	NC	-	Not used
77	REMOCON	I	For remote control input
78	V_SYNC	I	For vertical sync. input
79	WAKE	I	For return from SHM (SHASSIS MI-COM) stop [WAKEUP : L]
80	POWERGOOD	I	Power supply error detect [ERROR : H→POWER OFF]
81	REC_LED	O	Lamp LED ON [ON:H]
82	RST	I	Hard reset for CPU [RESET : L]
83	VDD	I	STD : 3.3V
84	SCL3A	O	I^{2}C(clock) control bus
85	SDA3A	I/O	I^{2}C(data) control
86	SCL3B	O	I^{2}C(clock) control
87	SDA3B	I/O	I^{2}C(data) control
88	NC	-	Not used
89	LR_SW	O	Switcher for HDMI/DVI
90	NC	-	Not used
91	NC	-	Not used
92	VSS	-	GND
93	SCL5055	I/O	I^{2}C data control
94	NC	-	Not used
95	SDA5055	I/O	I^{2}C bus control (JCC5055)
96	NC	-	Not used
97	N.C	-	Not used
98	15K/OTH	O	Y-signal select [ANA525i : H]
99	DsyncSW1	O	Sync. signal select
100	57_BUSY	I	JCC5057BUSY [5057BUSY : H]

2.1.7 SUB (OSD) MICRO COMPUTER (CPU) FUNCTION (DIGITAL SIGNAL PWB / IC7601 : M306V7FGFP)

Pin No.	Pin name	I/O	Function
1	VHOLD1	I	Data Slicer
2	HFLT1	I/O	LPF, Video Signal(Data Slicer)
3	N.C	-	Not used
4	N.C	-	Not used
5	DIGRO	O	OSD for R [0]
6	TB1in	I	AC In
7	REMO	I	Remocon in
8	BYTE	I	Data Buss width SW [L:Fixed]
9	CNVss	I	Programmingswitching [Normal:L/writing:H]
10	DIGGO	O	OSD Output [G:0]
11	DIGBO	O	OSD Output [B:0]
12	RESET	I	RESET
13	Xout	O	MAIN CLK
14	Vss	-	DGND
15	Xin	I	MAIN CLK 16MHz
16	Vccl	I	STB 3.3V
17	OSC1	I	OSD for Clock
18	OSC2	-	Not used
19	INT1	I	COMPLINK Detect
20	INT0	I	SHM (SHASSIS MI-COM) Serial Communication (Request Signal)
21	OUT1	O	OSD YS Out
22	OUT2	O	OSD YM Out
23	N.C	-	Not used
24	N.C	-	Not used
25	N.C	-	Not used
26	N.C	-	Not used
27	CTA2/RTS2	-	Not used
28	CLK2	-	Not used
29	RxD2	I	ATSC Serial Communication
30	TxD2	O	ATSC Serial Communication
31	SDA2	I/O	Not used
32	DIGR1	O	OSD Output [R:1]
33	DIGG1	O	OSD Output [G:1]
34	DIGB1	O	OSD Output [B:1]
35	TxDO	I	Programming
36	RxDO	O	Programming
37	CLKO	I	Programming
38	RTSO	O	Programming
39	P5.7	-	Not used
40	P5.6	-	Not used
41	HOLD	I	Programming SW. [Natural:H/Programming:L]
42	P5.4	-	Not used
43	P5.3	-	Not used
44	P5.2	-	Not used
45	P5.1	-	Not used
46	WR	I	Programming SW. [Natural:L/Programming:H]
47	P4.7	O	Data Output(TX)
48	P4.6	I	Data Input(RX)
49	P4.5	I	Clock Input
50	P4.4	-	Not used
51	N.C	-	Not used
52	N.C	-	Not used
53	N.C	-	Not used
54	N.C	-	Not used
55	N.C	-	Not used
56	N.C	-	Not used
57	N.C	-	Not used
58	N.C	-	Not used
59	N.C	-	Not used
60	N.C	-	Not used
61	N.C	-	Not used
62	HSYNC	I	OSD for H.SYNC Input
63	N.C	-	Not used
64	VSYNC	I	OSD for V.SYNC Input
65	N.C	-	Not used
66	N.C	-	Not used
67	N.C	-	Not used
68	N.C	-	Not used
69	N.C	-	Not used
70	N.C	-	Not used
71	N.C	-	Not used
72	N.C	-	Not used
73	N.C	-	Not used
74	N.C	-	Not used
75	N.C	-	Not used
76	N.C	-	Not used
77	N.C	-	Not used
78	N.C	-	Not used
79	N.C	-	Not used
80	N.C	-	Not used
81	N.C	-	Not used
82	N.C	-	Not used
83	N.C	-	Not used
84	WAKE	O	Reset device for SHM (SHASSIS MI-CON)
85	CARD_DET	I	ATSC Card Detection
86	POWER_SW	I	Detection of Front
87	N.C	-	Not used
88	N.C	-	Not used
89	DIGR2	O	OSD Output [R:2]
90	DIGG2	O	OSD Output [G:2]
91	DIGB2	O	OSD Output [B:2]
92	N.C	-	Not used
93	KEY2	-	Not used
94	KEY1	-	Not used
95	VHOLD2	I	Data Slicer
96	HLF2	I/O	Video Signal LPF(Data Slicer)
97	CVIN2	I	Video Input Signal, SUB-CCD(Data Slicer)
98	TVSETB	I	Test Input Terminal [L:Fixed]
99	VCCE	I	STB 5V
100	CVIN1	I	Video Input Signal, MAIN CCD(Data Slicer)

SECTION 3
DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

<FRONT BOTTOM>

- While not in service, place the chassis back its original position.
- Make sure that the power cord plug is pull out from the AC wall outlet.

3.1.1 SPEAKER GRILL (L&R) (Fig.1)

(1) Remove 2 screws **[A]** from rear side.
(2) Take out the SPEAKER GRILL.
* Remove the both side SPEAKER GRILL same manner.

3.1.2 SPEAKER (Fig.1)

- Take out the SPEAKER GRILL.

(1) Remove 4 screws **[B]**.
(2) Take out the SPEAKER.
* Remove the both side SPEAKER same manner.

3.1.3 FRONT PANEL (Fig.1)

- Take out the SPEAKER GRILL.

(1) Remove 4 screws **[C]**.
(2) Take out the FRONT PANEL.

3.1.4 FRONT LED PWB (Fig.1)

- Take out the SPEAKER GRILL.
- Take out the FRONT PANEL.

(1) Remove 2 screws **[D]** from rear side of FRONT PANEL.
(2) Take out the FRONT LED PWB.

3.1.5 LAMP COVER (Fig.1)

- Take out the SPEAKER GRILL of LEFT SIDE.

(1) Remove a screws **[E]**.
(2) Take out the LAMP COVER.

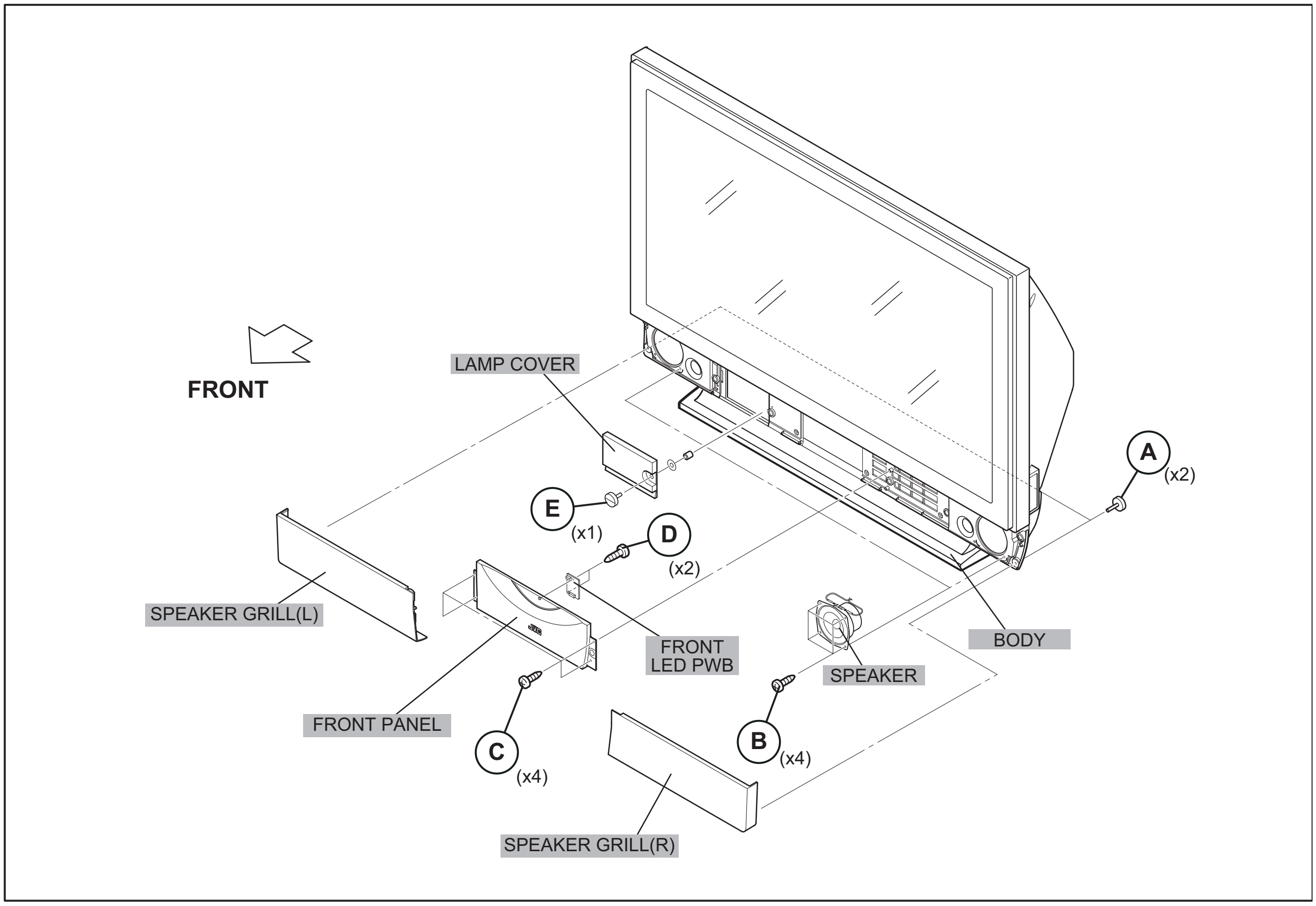

FRONT
LAMP COVER
A
(x2)
E
(x1)
D
(x2)
SPEAKER GRILL(L)
FRONT
LED PWB
BODY
SPEAKER
FRONT PANEL
C
(x4)
B
(x4)
SPEAKER GRILL(R)

Fig.1

<REAR SIDE>

3.1.6 SCREEN ASS'Y (Fig.2)

- Take out the SPEAKER GRILL.
- Take out the FRONT PANEL.
  (1) Remove the 4 screws **[F]**.
  (2) Remove 10 screws **[G]** from rear side.
  (3) Take out the SCREEN ASS'Y.

CAUTION :

- Please place the SCREEN ASS'Y on a flat table without fail.
- Because of the large size, at least two parsons are recommended for removal and reassemble.
- Use core not to scratch the screen during work.
- During assembly, be sure to engage the left and right tabs with the cabinet mounting positions.
- When than sporting the SCREEN ASS'Y, avoid grasping the top of the screen panel, instead grasp the left and right areas.

3.1.7 MIRROR (Fig.2)

- Take out the SPEAKER GRILL both side.
- Take out the FRONT PANEL.
- Take out the SCREEN ASS'Y.
  (1) Remove 12 screws **[H]** attaching the MIRROR HOLDER of the upper, left and right side.
  (2) Raise slightly to disengage of the MIRROR from the bottom holder.
  (3) Take out the MIRROR.

NOTE :

* The MIRROR is front-coated.
Do not touch the front of the MIRROR.

* At least 2 persons are recommended for removable and reassemble.

3.1.8 SIDE CONTROL BASE (Fig.2)

- Take out the SCREEN ASS'Y.
  (1) Remove 4 screws **[I]**.
  (2) Take out the SIDE CONTROL BASE.

3.1.9 SIDE CONTROL PWB (Fig.2)

- Take out the SCREEN ASS'Y.
- Take out the SIDE CONTROL BASE.
  (1) Remove 4 screws **[J]** from rear side of SIDE CONTROL BASE.
  (2) Take out the SIDE CONTROL PWB.

3.1.10 FILTER COVER (Fig.2)

- Take out the SCREEN ASS'Y.
  (1) Remove 2 screws **[K]**.
  (2) Take out the FILTER COVER.
  * Remove the both side FILTER COVER same manner.

3.1.11 BACK COVER (Fig.2)

- Take out the FRONT PANEL.
- Take out the SCREEN ASS'Y.
  (1) Remove 4 screws **[L]**.
  (2) Remove 9 screws **[M]**.
  (3) Remove 2 screws **[N]** from rear side.
  (4) Slightly pull for backside to disengage of the BACK COVER from hooks.
  (5) Take out the BACK COVER.

NOTE :

- Because of the large size, at least two persons are recommended for removal and reassemble.

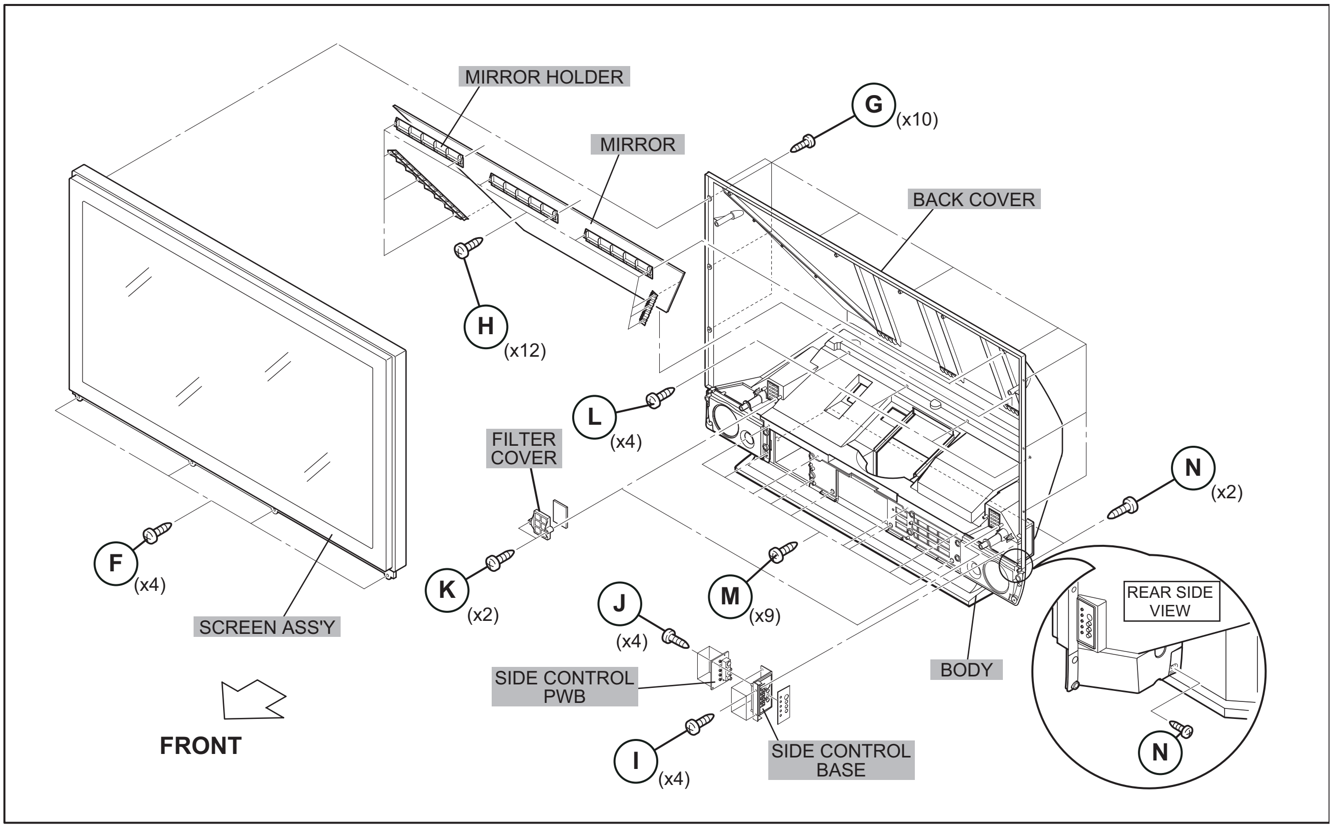


Fig.2

<INNER SIDE>

3.1.12 BODY COVER (Fig.3)

(1) Remove 9 screws **[O]**.
(2) Remove 6 screws **[P]**.
(3) Take out the BODY COVER.

3.1.13 BODY BRACKET (Fig.3)

- Take out the BODY COVER.

(1) Remove 4 screws **[Q]**.
(2) Take out the BODY BRACKET.

3.1.14 TOP SHADE BRACKET (Fig.3)

- Take out the BODY COVER.
- Take out the BODY BRACKET.

(1) Remove 2 screws **[R]**.
(2) Take out the TOP SHADE BRACKET.

3.1.15 MAIN UNIT (Fig.3)

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the TOP SHADE BRACKET.
- Take out the connector [FJ], [SW], [SPR], [SPL], [FL].

(1) Remove 2 screws **[S]** from rear side.
(2) Pull out the MAIN UNIT rear side.

3.1.16 SCREEN ASS'Y (Fig.3)

- Take out the MAIN UNIT.

(1) Remove 24 screws **[T]** (x 24:61" / x 20:52") from FRONT CABINET.
(2) Take out the SCREEN ASS'Y.

3.1.17 FRONT PANEL (Fig.3)

- Take out the SCREEN ASS'Y.

(1) Remove 20 screws **[U]** (x 20:61" / x 16:52") from FRONT CABINET.
(1) Take out the FRONTPANEL.

CAUTION

- **Except for confirmation of projection of images on the screen and audio output through the speakers, the removed MAIN UNIT is still workable in the same state as if it is still built in the TV set. Therefore, the MAIN UNIT can be removed, if necessary, for board diagnosis, electric testing, etc. apart from confirmation of screen images and audio output.**
- **When wire clamps are removed during work, use care to restore them precisely to their original positions. Performance can be affected if these are not returned to the original positions.**
- **Because of the large size, at least two persons are recommended for removal and reassemble.**
- **When carrying the MAIN UNIT, use care not to drop, shock or shake it.**
- **Do not stain or damage the lens of the PROJECTION UNIT.**
- **Do not look directly at the light during service.**
  Also, do not touch the lamp directly as it presents a burn hazard.

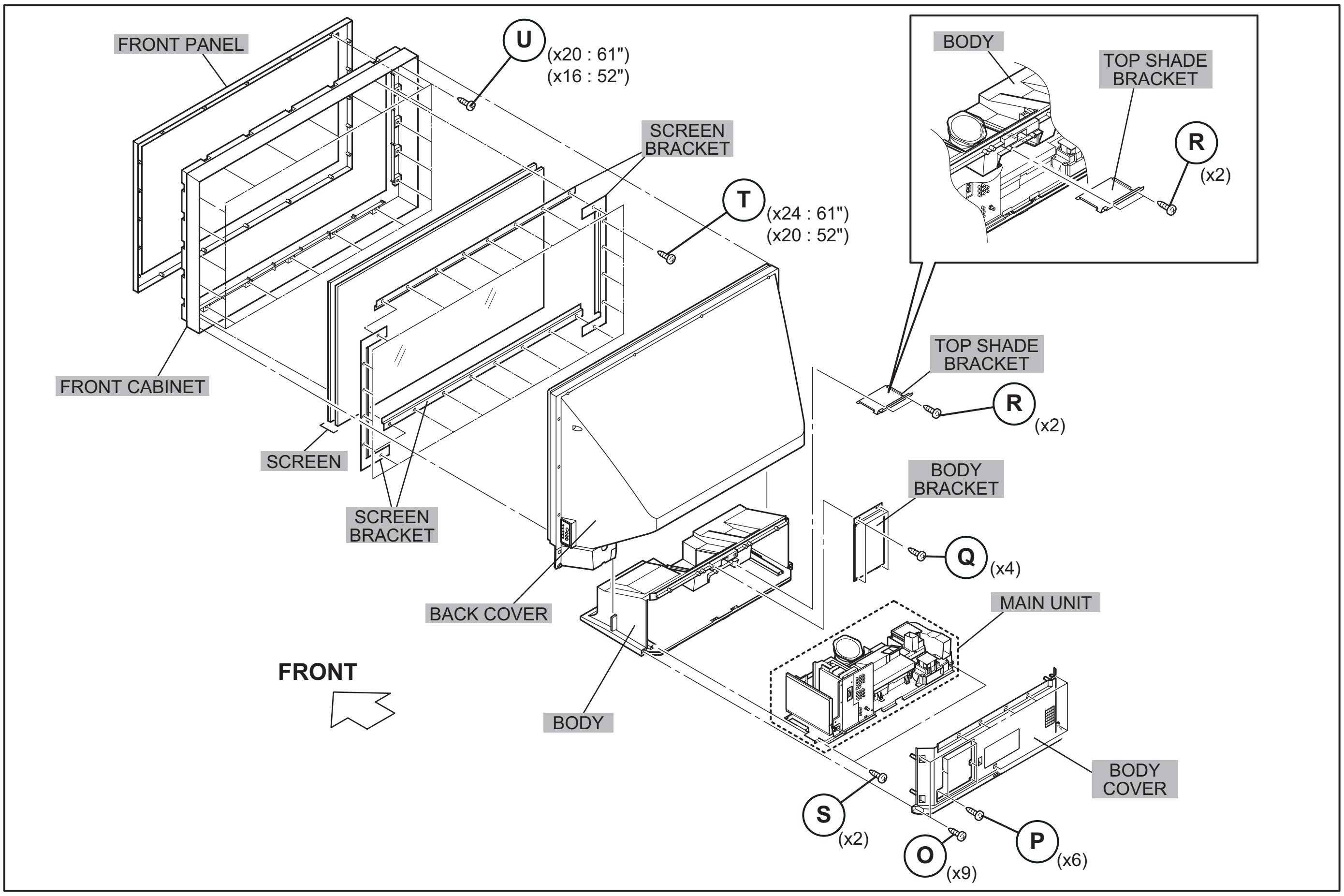

FRONT PANEL
U
(x20 : 61")
(x16 : 52")
BODY
TOP SHADE BRACKET
R
(x2)
SCREEN BRACKET
T
(x24 : 61")
(x20 : 52")
FRONT CABINET
TOP SHADE BRACKET
R
(x2)
SCREEN
BODY BRACKET
SCREEN BRACKET
Q
(x4)
BACK COVER
MAIN UNIT
FRONT
BODY
BODY COVER
S
(x2)
O
(x9)
P
(x6)

Fig.3

<INNER SIDE>

3.1.18 AV TERMINAL BOARD (Fig.4)

(1) Remove 5 screws **[a]**.
(2) Remove a screw **[b]**.
(3) Pull out the POWER CORD CLAMP .
(4) Remove the nut **[c]** attaching the ANTENNA TERMINAL.
(5) Take out the AV TERMINAL BOARD.

3.1.19 PB HOLDER BRACKET (Fig.4)

(1) Remove 4 screws **[d]**.
(2) Take out the PB HOLDER BRACKET.

3.1.20 SUB DRIVE PWB (Fig.4)

- Take out the PB HOLDER BRACKET.

(1) Disconnect the connector [CN401] and [CN402].
(2) Remove 6 screws **[e]**.
(3) Take out the SUB DRIVE PWB.

3.1.21 POWER PB BRACKET (Fig.4)

(1) Remove a screw **[f]**.
(2) Take out the POWER PB BRACKET.

3.1.22 POWER PWB (Fig.4)

- Take out the POWER PB BRACKET.

(1) Disconnect the connector [CN90BL], [CN90SE], [CN90AA], [CN90B], [CN90DD] and [CN90G].
(2) Remove a screw attaching the earth wire.
(3) Remove 5 screws **[g]**.
(4) Take out the POWER PWB.

3.1.23 DIGITAL SIGNAL PWB (Fig.4)

(1) Disconnect the connector [CN001], [CN002], [CN003], [CN0FC] and [CN0LV2].
(2) Remove a screw attaching the earth wire.
(3) Remove a screw **[h]**.
(4) Take out the DIGITAL SIGNAL PWB.

3.1.24 ANALOG BRACKET (Fig.4)

(1) Remove a screw **[i]**.
(2) Take out the ANALOG BRACKET.

3.1.25 RECEIVER PWB (Fig.4)

- Take out the ANALOG BRACKET.

(1) Disconnect the connector [CN10FC], [CN10PH], [CN100R], [CN10PH], [CN100A], [CN100T], [CN100F], [CN10FJ], [CN10FL], [CN10SW], [CN10AA] and [CN10SP].
(2) Remove 4 screws **[j]**.
(3) Take out the RECEIVER PWB.

3.1.26 ANALOG SIGNAL PWB (Fig.4)

- Take out the RECEIVER PWB.

(1) Disconnect the connector [CN001], [CN002], [CN00D], [CN0J1], [CN0J2], [CN00T], [CN00F] and [CN00G].
(2) Remove 2 screws **[k]**.
(3) Take out the ANALOG SIGNAL PWB.

3.1.27 REGULATOR PWB (Fig.4)

- Take out the RECEIVER PWB.

(1) Disconnect the connector [CN20D], [CN203] and [CN20B].
(2) Remove 4 screws **[l]**.
(3) Take out the REGULATOR PWB.

3.1.28 REAR JACK PWB (Fig.4)

- Take out the AV BOARD.

(1) Disconnect the connector [CNPH], [CNJ0J1] and [CNJ0J2].
(2) Remove 2 screws **[m]**.
(3) Take out the REAR JACK PWB.

3.1.29 DUCT PCS & THERMOSTAT (Fig.4)

(1) Remove 4 screws **[n]**.
(2) Take out the DUCT PCS.
(3) Remove 2 screws **[o]**.
(4) Take out the THERMOSTAT.

3.1.30 FAN CONTROL PWB (Fig.4)

(1) Disconnect the connector [CN801], [CN802], [CN803] and [CN804].
(2) Remove a screw **[p]**.
(3) Take out the FAN CONTROL PWB.

3.1.31 REMOCON SENSOR PWB (Fig.4)

(1) Remove a screw **[q]**.
(2) Take out the REMOCON SENSOR PWB.

3.1.32 SHADE COVER (Fig.3)

(1) Remove 2 screws **[r]**.
(2) Take out the SHADE COVER.

3.1.33 FRONT SHADE BRACKET (Fig.4)

- Take out the FRONT SHADE BRACKET.

(1) Remove 2 screws **[s]**.
(2) Take out the FRONT SHADE BRACKET.

<OPTICAL SIDE>

3.1.34 OPTICAL / DRIVE ASS'Y (Fig.4)

- Take out the MAIN UNIT.

(1) Remove 7 screws **[t]**.
(2) Slightly raise the both side and take out the OPTICAL / DRIVE ASS'Y.
* The OPTICAL / DRIVE ASS'Y contains precision optical components (prism mirrors, etc.) Handle carefully and avoid imparting strong shock.

3.1.35 COOLING FAN (OPTICAL / DRIVE ASS'Y) (Fig.4)

(1) Remove 3 screws **[u]**.
(2) Take out the SIROCCO CASE TOP.
(3) Remove 3 screws **[v]**.
(4) Take out the COOLING FAN (OPTICAL / DRIVE ASS'Y).

3.1.36 EXHAUST FAN (Fig.4)

(1) Remove 2 screws **[w]**.
(2) Take out the L. FAN BRACKET ASSY.
(3) Remove 4 screws **[x]**.
(4) Take out the EXHAUST FAN.

3.1.37 COOLING FAN (LAMP BALLAST UNIT) (Fig.4)

(1) Remove 4 screws **[y]**.
(2) Take out the COOLING FAN (LAMP BALLAST UNIT).

3.1.38 LAMP BALLAST UNIT, BALLAST COVER (Fig.4)

(1) Remove 4 screws **[z]**.
(2) Take out the BALLAST COVER & LAMP BALLAST UNIT.

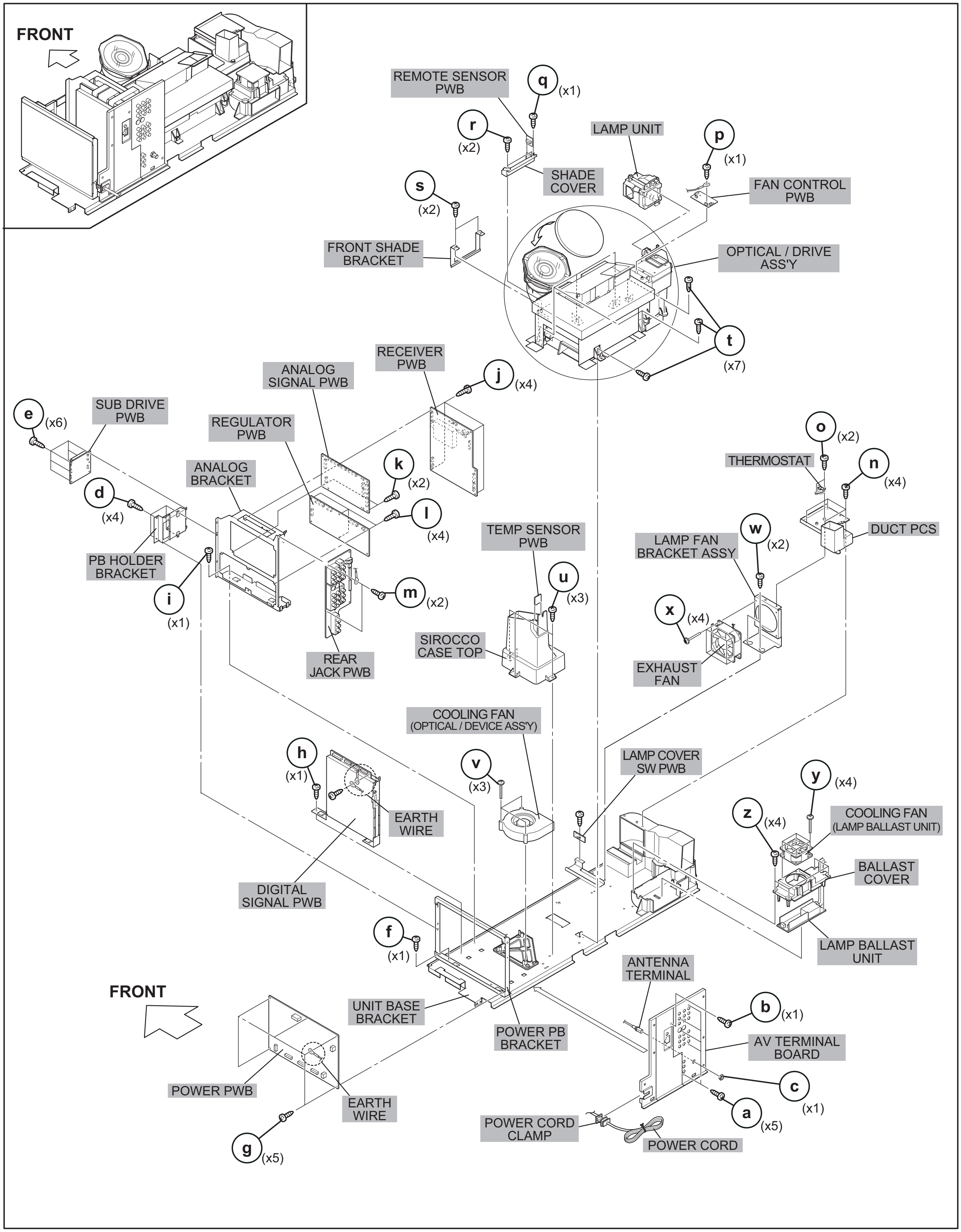
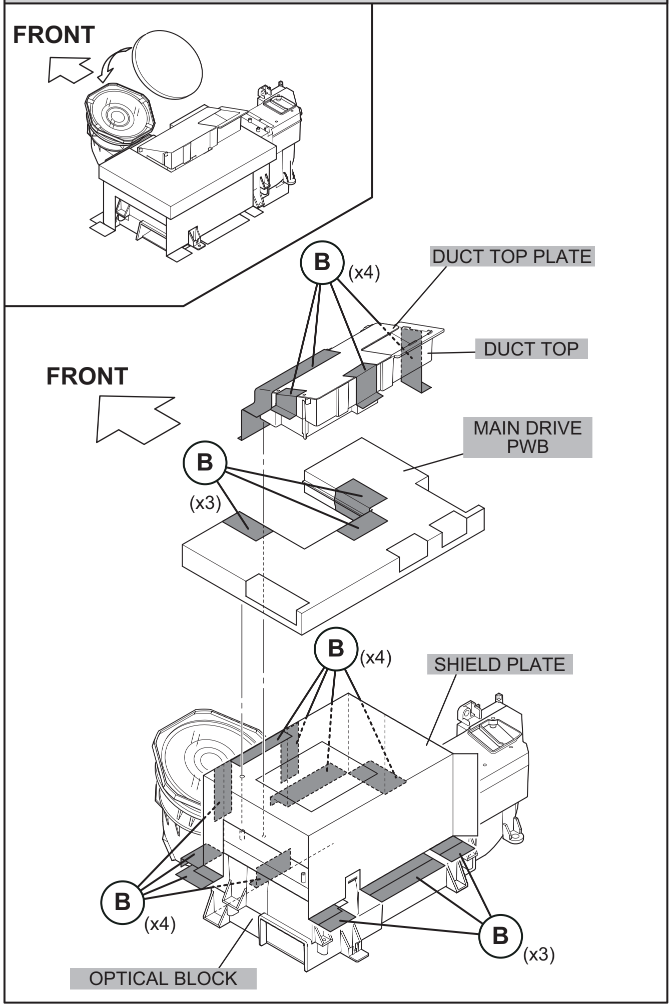

FRONT
REMOTE SENSOR PWB
q (x1)
r (x2)
LAMP UNIT
p (x1)
SHADE COVER
FAN CONTROL PWB
s (x2)
FRONT SHADE BRACKET
OPTICAL / DRIVE ASS'Y
t (x7)
RECEIVER PWB
ANALOG SIGNAL PWB
j (x4)
e (x6)
SUB DRIVE PWB
REGULATOR PWB
o (x2)
THERMOSTAT
n (x4)
k (x2)
ANALOG BRACKET
d (x4)
l (x4)
TEMP SENSOR PWB
DUCT PCS
w (x2)
LAMP FAN BRACKET ASSY
PB HOLDER BRACKET
u (x3)
i (x1)
m (x2)
x (x4)
SIROCCO CASE TOP
REAR JACK PWB
EXHAUST FAN
COOLING FAN (OPTICAL / DEVICE ASS'Y)
h (x1)
v (x3)
LAMP COVER SW PWB
y (x4)
z (x4)
COOLING FAN (LAMP BALLAST UNIT)
EARTH WIRE
BALLAST COVER
DIGITAL SIGNAL PWB
f (x1)
LAMP BALLAST UNIT
ANTENNA TERMINAL
FRONT
UNIT BASE BRACKET
b (x1)
POWER PB BRACKET
AV TERMINAL BOARD
POWER PWB
EARTH WIRE
c (x1)
a (x5)
POWER CORD CLAMP
POWER CORD
g (x5)

Fig.4

3.1.39 SHIELD PLATE ATTACHMENT PROCESS

- Take out the DUCT TOP.
- Take out the MAIN DRIVE PWB.
  (1) Copper film case with laminate surface to be top.
  (2) Fold 9 points as shown in figure an arrow view (Fig.5 **[A]**).
  (3) Attach the D.F. (double-faced) tapes as shown in Fig.5- **[C]** .
  (4) Stick the tape as shown in Fig.5- **[D]**.
  (5) Make copper film case to be box-shape.
  (6) Install the MAIN DRIVE PWB.
  (7) Attach the shield (copper film) tapes 3 positions as shown in Fig.6- **[B]**.
  (8) Install the DUCT TOP.
  (9) Attach the shield (copper film) tapes 4 positions as shown in Fig.7- **[B]**.
  (10) Then attach the shield (copper film) tapes 11 positions as shown in Fig.8- **[B]**.

<WHOLE VIEWS OF ATTACHMENT PROCESS>


FRONT
FRONT
B
(x4)
DUCT TOP PLATE
DUCT TOP
MAIN DRIVE PWB
B
(x3)
B
(x4)
SHIELD PLATE
B
(x4)
B
(x3)
OPTICAL BLOCK

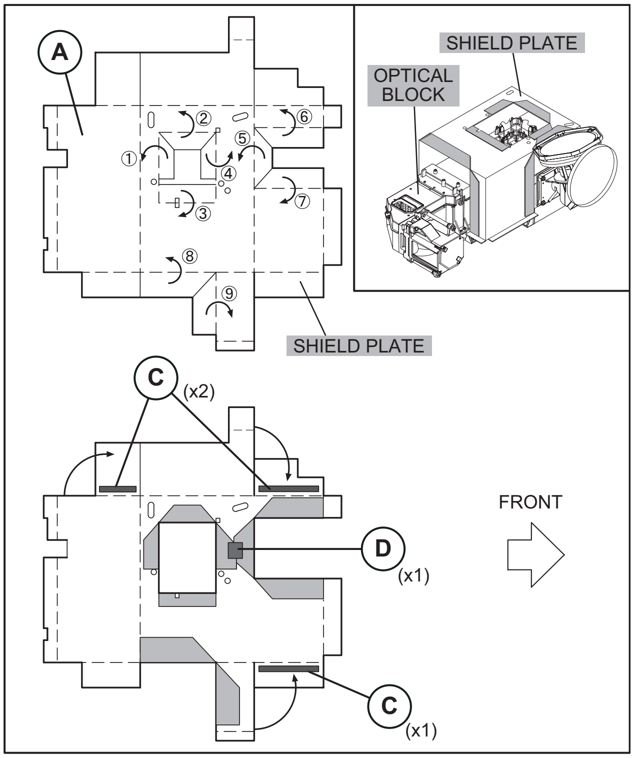

A
①
②
③
④
⑤
⑥
⑦
⑧
⑨
SHIELD PLATE
OPTICAL BLOCK
SHIELD PLATE
C
(x2)
D
(x1)
C
(x1)
FRONT

Fig.5

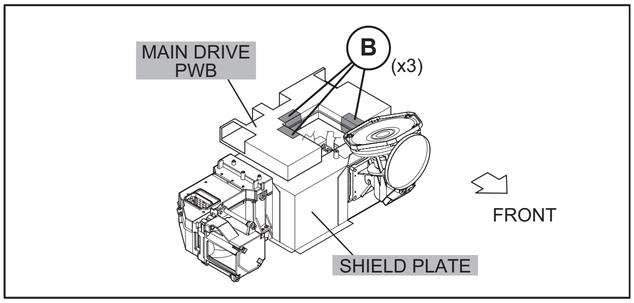

MAIN DRIVE PWB
B
(x3)
FRONT
SHIELD PLATE

Fig.6

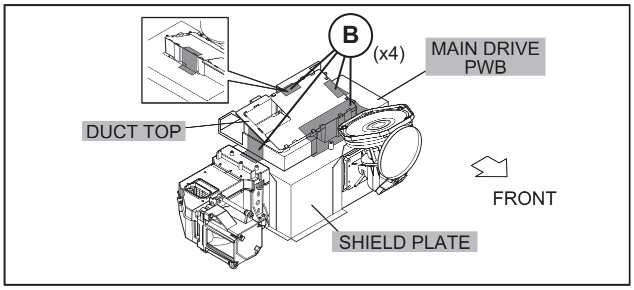

B
(x4)
MAIN DRIVE PWB
DUCT TOP
FRONT
SHIELD PLATE

Fig.7

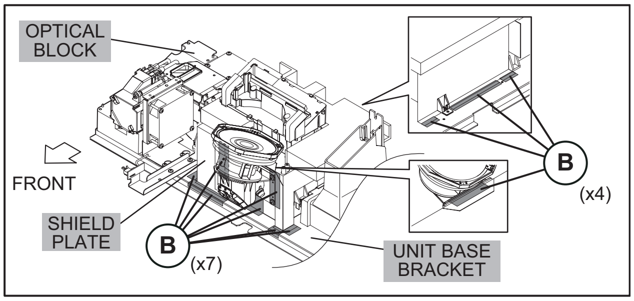

OPTICAL BLOCK
FRONT
SHIELD PLATE
B
(x7)
B
(x4)
UNIT BASE BRACKET

Fig.8

3.2 MEMORY IC REPLACEMENT

3.2.1 MEMORY IC

This memory IC stores data for proper operation of the video and Drive circuits.

When replacing, be sure to use an IC containing this (initial value) data.

3.2.2 MEMORY IC REPLACEMENT PROCEDURE

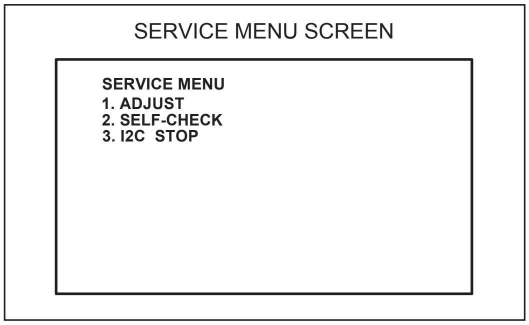
1. **Power off**
   Switch off the power and disconnect the power cord from the wall outlet.
2. **Replace the memory IC**
   Initial value must be entered into the new IC.
3. **Power on**
   Connect the power cord to the wall outlet and switch on the power.

4. **SERVICE MENU setting**
   Before entering the SERVICE MENU, confirm that the setting of TV/CATV SW of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR/DVD SW of the REMOTE CONTROL UNIT is at the "VCR" side. If the switches have not been properly set, you cannot enter the SERVICE MENU.

   1) Press [**SLEEP TIMER**] key and while the indication of SLEEP TIMER 0 MIN is being displayed, press [**DISPLAY**] key and [**VIDEO STATUS**] key (Fig.2) simultaneously.
   2) The SERVICE MENU screen of Fig.1 is displayed.
   3) Verify what to set in the SERVICE MENU, and set whatever is necessary (Fig.1).
      Refer to the SERVICE ADJUSTMENT for setting.
   4) Press the [**BACK**] key to return the SERVICE MENU.

5. **Receive channel setting**
   Refer to the OPERATING INSTRUCTIONS (USER'S GUIDE) and set the receive channels (Channels Preset) as described.

6. **User settings**
   Check the user setting items according to after page. Where these do not agree, refer to the OPERATING INSTRUCTIONS (USER'S GUIDE) and set the items as described.



SERVICE MENU SCREEN

SERVICE MENU
1. ADJUST
2. SELF-CHECK
3. I2C STOP

Fig.1

3.2.3 SERVICE MENU SETTING ITEMS

Setting item	Item No.	Remark
1.ADJUSTMENT		
VIDEO SYSTEM	S001~S039	Adjust
AUDIO SYSTEM	T001~T010	
PANEL CONTROL SYSTEM	P001~P010	Do not adjust (Fixed value)
DRIVE SYSTEM	D001~D187	
SYSTEM SETTING	Z001~Z010	

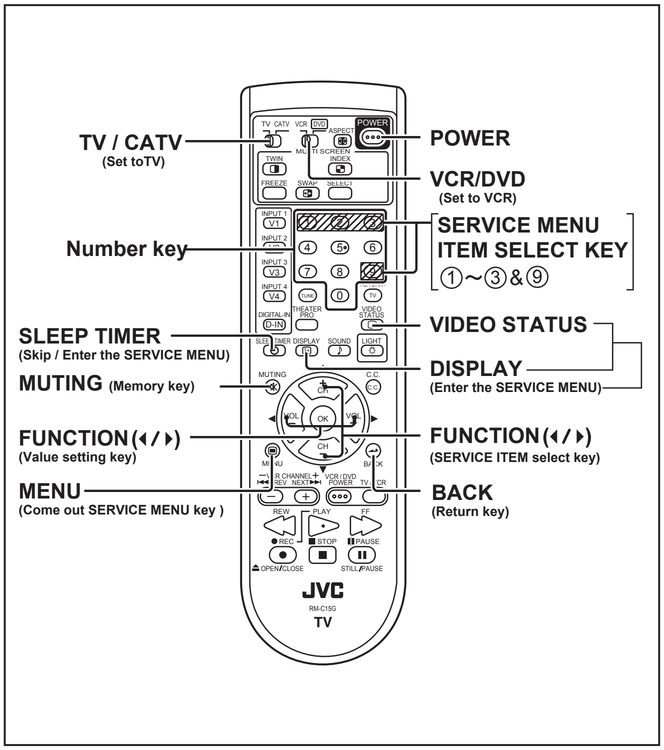

TV / CATV
(Set toTV)
POWER
VCR/DVD
(Set to VCR)
SERVICE MENU
ITEM SELECT KEY
①~③&⑨
Number key
VIDEO STATUS
SLEEP TIMER
(Skip / Enter the SERVICE MENU)
DISPLAY
(Enter the SERVICE MENU)
MUTING (Memory key)
FUNCTION (◀/▶)
(Value setting key)
FUNCTION (◀/▶)
(SERVICE ITEM select key)
MENU
(Come out SERVICE MENU key)
BACK
(Return key)
JVC
RM-C15G
TV

Fig.2

3.2.4 SETTING OF FACTORY SHIPMENT

3.2.4.1 BUTTON OPERATION

Setting item	Setting value
POWER	OFF
INPUT	TV
CHANNEL	CABLE-02
VOLUME	10

3.2.4.2 REMOTE CONTROL DIRECT OPERATION

Setting item		Setting value
INPUT		TV
CHANNEL		CABLE-02
VOLUME		10
MUTING		OFF
DISPLAY		OFF
SOUND	A.H.S	OFF
	BBE	ON
	SMART SOUND	OFF
ASPECT		REGULAR
CLOSED CAPTION (C.C)		OFF
VIDEO STATUS		DYNAMIC
TWIN SOURCE		LEFT SIDE : CA02 RIGHT SIDE : INPUT1

3.2.4.3 REMOTE CONTROL MENU OPERATION

(1)PICTURE ADJUST (VIDEO STATUS)

■ NTSC, 525i, 525p / 1125i, 750p

Setting item		STANDARD	DYNAMIC	THEATER	GAME
TINT	NTSC, 525i, 525p	00	00	00	00
	1125i, 750p	00	00	00	00
COLOR	NTSC, 525i, 525p	00	00	00	00
	1125i, 750p	00	00	00	00
PICTURE	NTSC, 525i, 525p	00	+10	00	-10
	1125i, 750p	00	+10	00	-10
BRIGHT	NTSC, 525i, 525p	00	00	00	00
	1125i, 750p	00	00	00	00
DETAIL	NTSC, 525i, 525p	00	+05	00	00
	1125i, 750p	00	+05	00	00
COLOR TEMPERATURE	NTSC, 525i, 525p	LOW	HIGHT	HIGHT	HIGHT
	1125i, 750p	LOW	HIGHT	LOW	HIGHT

(2)SOUND ADJUST

Setting item	Setting position
TREBLE	00
BASS	00
BALANCE	00
MTS	STEREO

(3)CLOCK / TIMERS / OTHER

Setting item	Setting position
SET CLOCK CODE	--- (Unnecessary to set)
ON / OFF TIMER	NO
COLOR MANAGEMENT	ON
DYNAMIC GAMMER	ON

(4) INITIAL SETUP

Setting item		Setting position	Setting item	Setting position
POSITION ADJUSTMENT		Center	NOISE MUTING	ON
CENTER CH INPUT		OFF	FRONT PANEL LOCK	OFF
XDS ID		ON	AUTO SHUT OFF	OFF
POWER INDICATOR		HIGH	DIGITAL-IN	SIZE-1 (at 480signal in)
VIDEO-1 MONITOR OUT		OFF	V-CHIP	OFF
LANGUAGE		ENG	AUTO DEMO	OFF
CLOSED CAPTION	CAPTION	OFF	DIGITAL-IN AUDIO	DIGITAL
	TEXT	OFF	V1 SMART INPUT	OFF
TV SPEAKER		ON	AUDIO OUT	FIX
VIDEO INPUT LABEL		BLANK	AUTO TUNER SET UP	Unnecessary to set

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

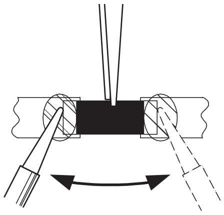
3.3.2 SOLDERING IRON

(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

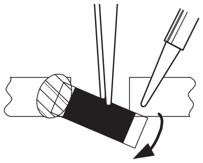
3.3.3 REPLACEMENT STEPS

1. How to remove Chip parts
[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.

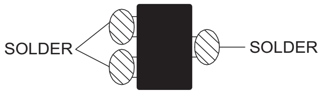


(2) Shift with the tweezers and remove the chip part.

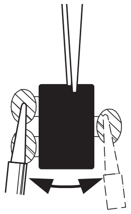


[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

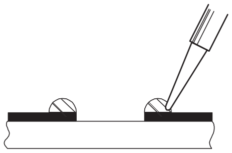


Note :

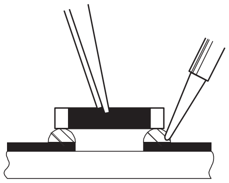
After removing the part, remove remaining solder from the pattern.

2. How to install Chip parts
[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

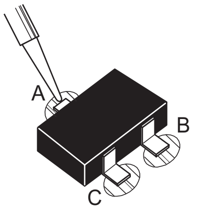


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

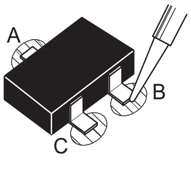


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SECTION 4
ADJUSTMENTS

4.1 ADJUSTMENT PREPARATION

(1) You can make the necessary adjustments for this unit with either the remote control unit or with the adjustment equipment and parts as given below.

(2) Adjustment with the remote control unit is made on the basis of the initial setting values, however, the new setting values which set the screen to its optimum condition may differ from the initial settings.

(3) Make sure that AC power is turned on correctly.

(4) Turn on the power for the set and test equipment before use, and start the adjustment procedures after waiting at least 30 minutes.

(5) Unless otherwise specified, prepare the most suitable reception or input signal for adjustment.

(6) Never touch any adjustment parts, which are not specified in the list for this variable resistors, transformers, trimmer capacitors, etc.

4.2 MEASURING INSTRUMENT AND FIXTURES

- DC voltmeter (or Digital voltmeter)
- Signal generator (Pattern generator)
  [NTSC / 525i COMPONENT / 525p / 1125i]
- Remote control unit

(7) Presetting before adjustment.
Unless otherwise specified in the adjustment instructions, preset the following functions with the remote control unit.

■ Presetting position

Setting item	Settings
VIDEO STATUS	STANDARD
PICTURE	All (00)
COLOR TEMP.	LOW
SOUND	All (00)
BBE	OFF
A.H.S	OFF
ASPECT	FULL

4.3 BASIC OPERATION OF THE SERVICE MENU

4.3.1 TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the remote controller unit.

4.3.2 HOW TO ENTER THE SERVICE MENU

(1) Press the [SLEEP TIMER] key and while indication of "SLEEP TIMER 0 MIN." is being displayed, press [DISPLAY] key and [VIDEO STATUS] key simultaneously, and the SERVICE MENU screen of Fig.1 will be displayed.

■ Select the SERVICE MENU ITEM

(2) When the SERVICE MENU is displayed, press any key of the [1] to [3] key to enter the corresponding menu mode.

■ Select the setting ITEM & SETTING VALUE

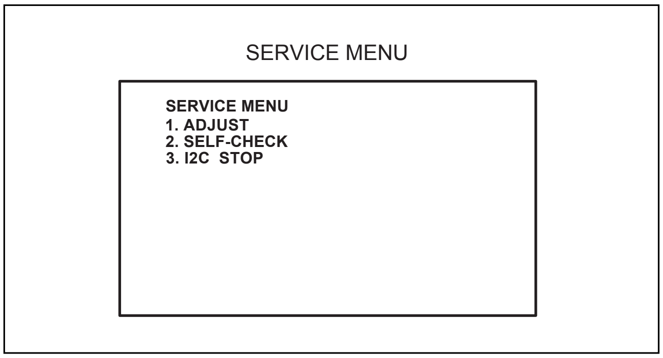
(3) Select the service item using the [FUNCTION (▲ /▼)] key.
(4) Set the value using the [FUNCTION (◀ / ▶)] key.
(5) Press the [MUTING] key to memorize the adjustment value, If not to do it, adjustment data is not memorized to the memory IC. And if exit the adjustment mode before memorize the data, the adjustment which your changed value is canceled.

CAUTION

- Individual items 1, 2 and 3 on the SERVICE MENU screen (Fig.1) are selected by the Number key (Fig.2).
- When selecting each item on the SERVICE MENU, if [4] ~ [8] keys other than [1], [2], [3] and [9] keys are pressed by mistake, another screen that is not the SERVICE MENU will appear. In such a case, press the [BACK] key immediately and return to the SERVICE MENU screen.
- Do not press the [MUTING] key.

4.3.3 HOW TO EXIT THE SERVICE MENU

Press the [MENU] key to exit the SERVICE MENU.


SERVICE MENU

SERVICE MENU
1. ADJUST
2. SELF-CHECK
3. I2C STOP

Fig.1

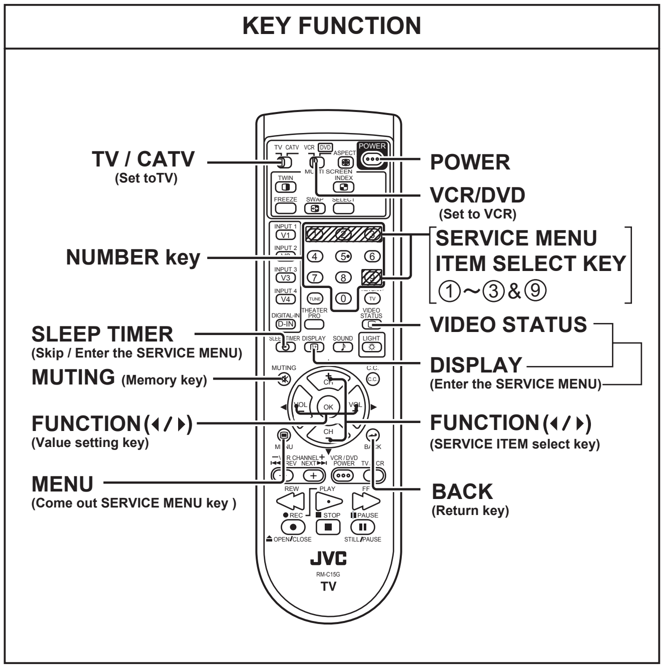

KEY FUNCTION
TV / CATV
(Set toTV)
POWER
VCR/DVD
(Set to VCR)
NUMBER key
SERVICE MENU ITEM SELECT KEY
①~③&⑨
SLEEP TIMER
(Skip / Enter the SERVICE MENU)
VIDEO STATUS
DISPLAY
(Enter the SERVICE MENU)
MUTING (Memory key)
FUNCTION(◀/▶)
(Value setting key)
FUNCTION(▲/▼)
(SERVICE ITEM select key)
MENU
(Come out SERVICE MENU key)
BACK
(Return key)
JVC
RM-C15G
TV

Fig.2

4.3.4 DESCRIPTION OF STATUS DISPLAY

The status display on the upper part of the SERVICE MENU screen is common.

(1) SIGNAL SYSTEM

NTSC3 : NTSC3.58
NTSC4 : NTSC4.48
525I : 525i
525P : 525p
750P : 750p
1125I6 : 1125i 60Hz
RGB5 : RGB 525i
D525I : digital 525i
D525P : digital 525p
D1256I6 : digital 1125i 60Hz
H525I : HDMI 525i
H525P : HDMI 525p
H750P : HDMI 750p
H1125I6 : HDMI 1125i 60Hz

(2) ASPECT

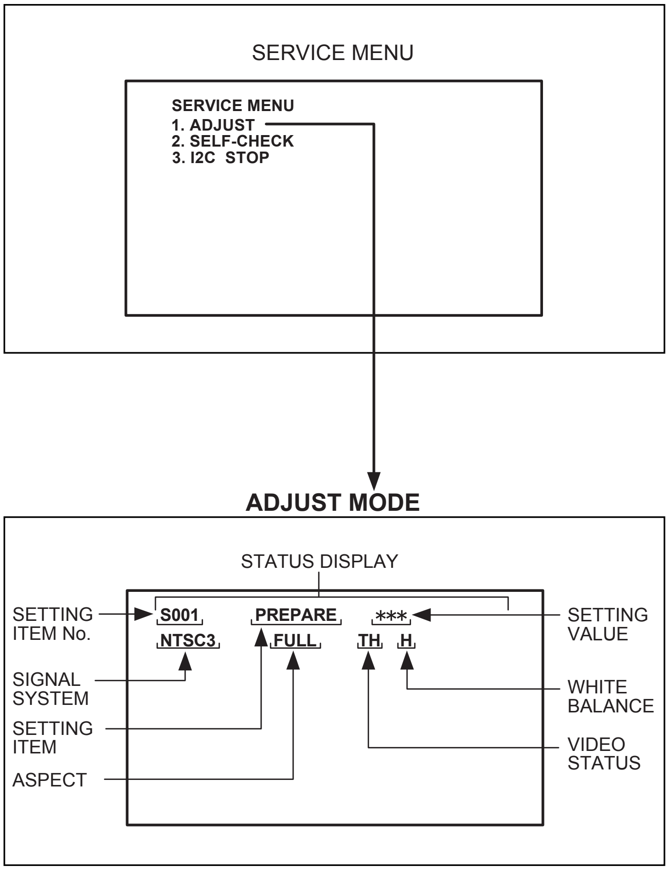
FULL : FULL
PANO : PANORAMA
1609 : CINEMA
REGU : REGULAR
TEXT : TEXT signal
FRZ : Freeze
M2 : Twin screen
TEXT2 : TEXT Twin screen
M12 : Index (12CH)

(3) VIDEO STATUS

STD : STANDARD
DYN : DYNAMIC
TH : THEATER
GAME : GAME

(4) WHITE BALANCE

H : HIGH
L : LOW


SERVICE MENU
SERVICE MENU
1. ADJUST
2. SELF-CHECK
3. I2C STOP
ADJUST MODE
STATUS DISPLAY
SETTING ITEM No.
S001
PREPARE
***
SETTING VALUE
NTSC3
FULL
TH
H
SIGNAL SYSTEM
SETTING ITEM
ASPECT
WHITE BALANCE
VIDEO STATUS

4.3.5 SETTING OF THE SERVICE MENUS

4.3.5.1 [1.ADJUST]

■ **Do not change settings of items that are not included in the "ADJUSTMENT PROCEDURE". Set output data to the video and DIST circuits.**

- [Function (◀ / ▶)] key
  For scrolling up/down the setting items.

  S001...↔ T001...↔ P001...↔ D001...↔ Z001

- [SLEEP TIMER] key
  For switching to the next items.

  S001 → T001 → P001 → D001 → Z001

- [Function (▲ / ▼)] key
  For scrolling up/down the setting values.

4.3.5.2 [2.SELF CHECK]

Refer to “SECTION 5 TROUBLESHOOTING”

4.3.5.3 [3.I^{2}C STOP]

Setting for this item is not required in servicing

4.4 INITIAL SETTING VALUE OF SERVICE MENU

(1) Adjustment of the SERVICE MENU is made on the basis of the initial setting values; however, the new setting values which set the screen in its optimum condition may differ from the initial setting.
(2) Do not change the initial setting values of the setting items NOT LISTED IN ADJUSTMENT.
(3) "Fixed" is not adjusted.

CAUTION:

Never change the initial setting value any adjustments **except** for those that are designated in the adjustment procedures.
In case where you have made undesignated adjustments by mistake, never press the [MUTING] key on the remote control unit.
Whenever you had not pressed the [MUTING] key, you would be able to recover the initial value by switching the [POWER] key.

4.4.1 [1.ADJUST]

VIDEO SYSTEM

Item No.	Item name	Variable range	Setting value
S001	PREPARE	0~31	0
S002	NTSC BL	0~15	1
S003	NTSC CNT	0~255	44
S004	NT CR OF	0~15	4
S005	NT CB OF	0~15	4
S006	525i BL	0~15	1
S007	525i CNT	0~255	44
S008	5i CB OF	0~15	0
S009	5i CR OF	0~15	0
S010	5i CR GN	0~15	4
S011	5i CB GN	0~15	4
S012	HD BL	0~63	0
S013	HD CB OF	0~63	0
S014	HD CR OF	0~63	0
S015	RT CONT	0~15	7
S016	RT CB OF	0~15	2
S017	RT CR OF	0~15	5
S018	RT CL GA	0~15	4
S019	PC CL MB	0~7	0
S020	PC CL LB	0~255	0
S021	PC CL MR	0~3	0
S022	PC CL LR	0~255	0
S023	(NO DISPLAY)	0~255	0
S024	(NO DISPLAY)	0~255	0
S025	(NO DISPLAY)	0~255	0
S026	(NO DISPLAY)	0~255	0
S027	(NO DISPLAY)	0~255	0
S028	(NO DISPLAY)	0~255	0
S029	(NO DISPLAY)	0~255	0
S030	R DRIVE	0~255	0
S031	G DRIVE	0~255	0
S032	B DRIVE	0~255	0
S033	(NO DISPLAY)	0~255	0
S034	(NO DISPLAY)	0~255	0
S035	(NO DISPLAY)	0~255	0
S036	(NO DISPLAY)	0~255	0
S037	(NO DISPLAY)	0~255	0
S038	(NO DISPLAY)	0~255	0
S039	ILA COM	0~255	0

AUDIO SYSTEM

Item No.	Item name	Variable range	Setting value
T001	IN LEVEL	0~255	007
T002	LOW SEP	0~255	037
T003	HIGH SEP	0~255	033
T004	AFC	0~255	0 (Fixed)
T005	(NO DISPLAY)	0~255	0 (Fixed)
T006	ATT V ON	0~1	0 (Fixed)
T007	ATT U ON	0~1	0 (Fixed)
T008	ATT C ON	0~1	0 (Fixed)
T009	(NO DISPLAY)	0~255	0 (Fixed)
T010	(NO DISPLAY)	0~255	0 (Fixed)

PANEL CONTROL SYSTEM (Do not adjust)

Item No.	Item name	Variable range	Setting value (Fixed)
P001	TM HOR H	0~255	0
P002	TM HOR L	0~255	0
P003	TM MIN	0~255	0
P004	TEMP	0~255	0
P005	(NO DISPLAY)	0~255	0
P006	(NO DISPLAY)	0~255	0
P007	(NO DISPLAY)	0~255	0
P008	(NO DISPLAY)	0~255	0
P009	(NO DISPLAY)	0~255	0
P010	(NO DISPLAY)	0~255	0

DRIVE SYSTEM(1) (Do not adjust)

Item No.	Item name	Variable range	Setting value (Fixed)
D001	SLV GN	0~3F	00
D002	SLVH GN	0~3F	00
D003	SLH GN	0~3F	00
D004	SLV Pf	0~03	00
D005	SLH Pf H	0~01	00
D006	SLH Pf L	0~03	00
D007	SL EGCON	0~3F	00
D008	SL EGONF	0~01	00
D009	SL CRGON	0~3F	00
D010	SL CRGON	0~01	00
D011	SL ON OF	0~01	00
D012	SV GN	0~3F	00
D013	SVH GN	0~3F	00
D014	SH GN	0~3F	00
D015	SV Pf	0~03	00
D016	SV Pf H	0~01	00
D017	SV Pf L	0~03	00
D018	SYL CON	0~3F	00
D019	SYL CONF	0~01	00
D020	SYH CON	0~3F	00

Item No.	Item name	Variable range	Setting value (Fixed)
D021	SYH CONF	0~01	00
D022	SC CON	0~3F	00
D023	SC CNONF	0~01	00
D024	SPM BLC	0~3F	00
D025	SPM BLCO	0~01	00
D026	SLIM	0~3F	00
D027	SLIMONF	0~01	00
D028	SCRG	0~3F	00
D029	SRGONF	0~01	00
D030	S ONF	0~01	00
D031	pb GN	0~3F	00
D032	pb Pf H	0~01	00
D033	pb Pf L	0~03	00
D034	pb CRG	0~3F	00
D035	pb CRGON	0~01	00
D036	pb ONF	0~01	00
D037	pr GN	0~3F	00
D038	pr Pf H	0~01	00
D039	pr Pf H	0~03	00
D040	pr CRG	0~3F	00
D041	pr CRGON	0~01	00
D042	pr ONF	0~01	00
D043	ENH ONF	0~01	00
D044	(NO DISPLAY)	0~FF	00
D045	(NO DISPLAY)	0~FF	00
D046	(NO DISPLAY)	0~FF	00
D047	(NO DISPLAY)	0~FF	00
D048	(NO DISPLAY)	0~FF	00
D049	(NO DISPLAY)	0~FF	00
D050	(NO DISPLAY)	0~FF	00
D051	(NO DISPLAY)	0~FF	00
D052	(NO DISPLAY)	0~FF	00
D053	(NO DISPLAY)	0~FF	00
D054	(NO DISPLAY)	0~FF	00
D055	(NO DISPLAY)	0~FF	00
D056	(NO DISPLAY)	0~FF	00
D057	(NO DISPLAY)	0~FF	00
D058	(NO DISPLAY)	0~FF	00
D059	(NO DISPLAY)	0~FF	00
D060	(NO DISPLAY)	0~FF	00
D061	(NO DISPLAY)	0~FF	00
D062	(NO DISPLAY)	0~FF	00
D063	(NO DISPLAY)	0~FF	00
D064	(NO DISPLAY)	0~FF	00
D065	(NO DISPLAY)	0~FF	00
D066	(NO DISPLAY)	0~FF	00
D067	(NO DISPLAY)	0~FF	00
D068	(NO DISPLAY)	0~FF	00
D069	(NO DISPLAY)	0~FF	00
D070	(NO DISPLAY)	0~FF	00
D071	(NO DISPLAY)	0~FF	00
D072	(NO DISPLAY)	0~FF	00
D073	(NO DISPLAY)	0~FF	00
D074	(NO DISPLAY)	0~FF	00
D075	(NO DISPLAY)	0~FF	00
D076	(NO DISPLAY)	0~FF	00
D077	(NO DISPLAY)	0~FF	00
D078	(NO DISPLAY)	0~FF	00
D079	(NO DISPLAY)	0~FF	00
D080	(NO DISPLAY)	0~FF	00

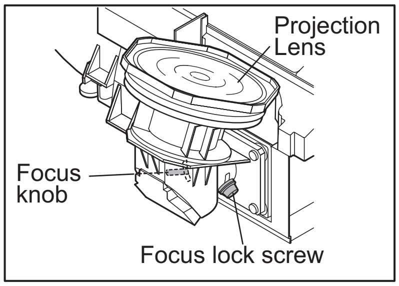
Item No.	Item name	Variable range	Setting value (Fixed)
D081	(NO DISPLAY)	0~FF	00
D082	(NO DISPLAY)	0~FF	00
D083	(NO DISPLAY)	0~FF	00
D084	(NO DISPLAY)	0~FF	00
D085	(NO DISPLAY)	0~FF	00
D086	(NO DISPLAY)	0~FF	00
D087	(NO DISPLAY)	0~FF	00
D088	(NO DISPLAY)	0~FF	00
D089	(NO DISPLAY)	0~FF	00
D090	(NO DISPLAY)	0~FF	00
D091	(NO DISPLAY)	0~FF	00
D092	(NO DISPLAY)	0~FF	00
D093	(NO DISPLAY)	0~FF	00
D094	(NO DISPLAY)	0~FF	00
D095	(NO DISPLAY)	0~FF	00
D096	(NO DISPLAY)	0~FF	00
D097	(NO DISPLAY)	0~FF	00
D098	(NO DISPLAY)	0~FF	00
D099	(NO DISPLAY)	0~FF	00
D100	(NO DISPLAY)	0~FF	00
D101	(NO DISPLAY)	0~FF	00
D102	(NO DISPLAY)	0~FF	00
D103	(NO DISPLAY)	0~FF	00
D104	(NO DISPLAY)	0~FF	00
D105	(NO DISPLAY)	0~FF	00
D106	(NO DISPLAY)	0~FF	00
D107	(NO DISPLAY)	0~FF	00
D108	(NO DISPLAY)	0~FF	00
D109	(NO DISPLAY)	0~FF	00
D110	(NO DISPLAY)	0~FF	00
D111	(NO DISPLAY)	0~FF	00
D112	(NO DISPLAY)	0~FF	00
D113	(NO DISPLAY)	0~FF	00
D114	(NO DISPLAY)	0~FF	00
D115	(NO DISPLAY)	0~FF	00
D116	(NO DISPLAY)	0~FF	00
D117	(NO DISPLAY)	0~FF	00
D118	(NO DISPLAY)	0~FF	00
D119	(NO DISPLAY)	0~FF	00
D120	(NO DISPLAY)	0~FF	00
D121	(NO DISPLAY)	0~FF	00
D122	(NO DISPLAY)	0~FF	00
D123	(NO DISPLAY)	0~FF	00
D124	(NO DISPLAY)	0~FF	00
D125	(NO DISPLAY)	0~FF	00
D126	(NO DISPLAY)	0~FF	00
D127	(NO DISPLAY)	0~FF	00
D128	(NO DISPLAY)	0~FF	00
D129	(NO DISPLAY)	0~FF	00
D130	(NO DISPLAY)	0~FF	00
D131	(NO DISPLAY)	0~FF	00
D132	(NO DISPLAY)	0~FF	00
D133	(NO DISPLAY)	0~FF	00
D134	(NO DISPLAY)	0~FF	00
D135	(NO DISPLAY)	0~FF	00
D136	(NO DISPLAY)	0~FF	00
D137	(NO DISPLAY)	0~FF	00
D138	(NO DISPLAY)	0~FF	00
D139	(NO DISPLAY)	0~FF	00
D140	(NO DISPLAY)	0~FF	00

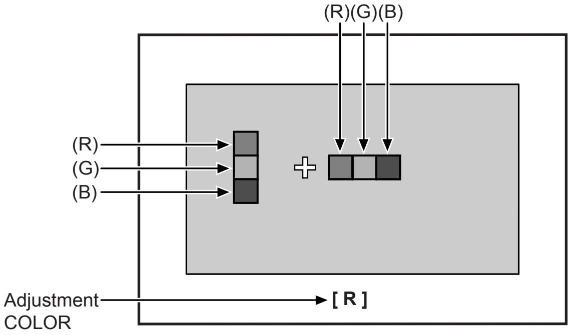
Item No.	Item name	Variable range	Setting value (Fixed)
D141	(NO DISPLAY)	0~FF	00
D142	(NO DISPLAY)	0~FF	00
D143	(NO DISPLAY)	0~FF	00
D144	(NO DISPLAY)	0~FF	00
D145	(NO DISPLAY)	0~FF	00
D146	(NO DISPLAY)	0~FF	00
D147	(NO DISPLAY)	0~FF	00
D148	(NO DISPLAY)	0~FF	00
D149	(NO DISPLAY)	0~FF	00
D150	(NO DISPLAY)	0~FF	00
D151	(NO DISPLAY)	0~FF	00
D152	(NO DISPLAY)	0~FF	00
D153	ENH ONF	0~FF	00
D154	(NO DISPLAY)	0~FF	00
D155	(NO DISPLAY)	0~FF	00
D156	(NO DISPLAY)	0~FF	00
D157	(NO DISPLAY)	0~FF	00
D158	(NO DISPLAY)	0~FF	00
D159	(NO DISPLAY)	0~FF	00
D160	(NO DISPLAY)	0~FF	00
D161	(NO DISPLAY)	0~FF	00
D162	(NO DISPLAY)	0~FF	00
D163	(NO DISPLAY)	0~FF	00
D164	(NO DISPLAY)	0~FF	00
D165	(NO DISPLAY)	0~FF	00
D166	(NO DISPLAY)	0~FF	00
D167	(NO DISPLAY)	0~FF	00
D168	(NO DISPLAY)	0~FF	00
D169	(NO DISPLAY)	0~FF	00
D170	(NO DISPLAY)	0~FF	00
D171	(NO DISPLAY)	0~FF	00
D172	(NO DISPLAY)	0~FF	00
D173	(NO DISPLAY)	0~FF	00
D174	(NO DISPLAY)	0~FF	00
D175	(NO DISPLAY)	0~FF	00
D176	(NO DISPLAY)	0~FF	00
D177	(NO DISPLAY)	0~FF	00
D178	(NO DISPLAY)	0~FF	00
D179	(NO DISPLAY)	0~FF	00
D180	(NO DISPLAY)	0~FF	00
D181	(NO DISPLAY)	0~FF	00
D182	(NO DISPLAY)	0~FF	00
D183	(NO DISPLAY)	0~FF	00
D184	(NO DISPLAY)	0~FF	00
D185	(NO DISPLAY)	0~FF	00
D186	(NO DISPLAY)	0~FF	00
D187	(NO DISPLAY)	0~FF	00

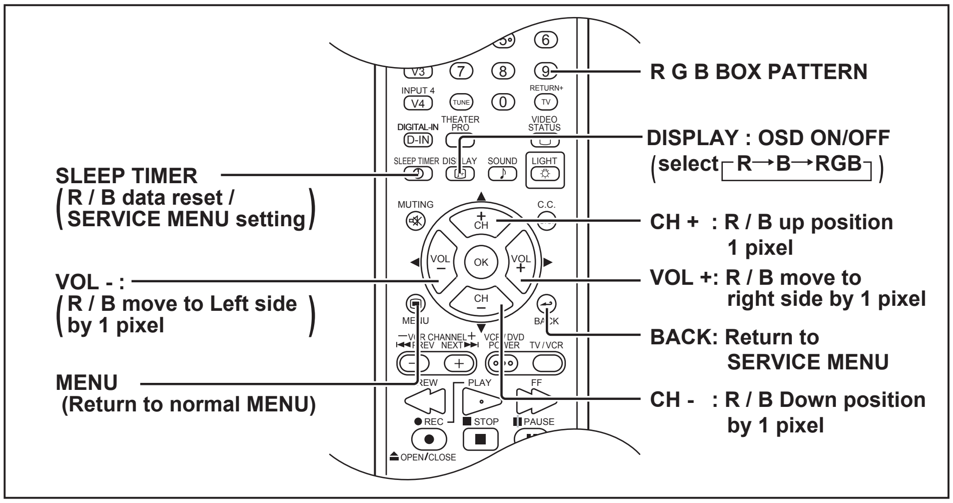
SYSTEM SETTING (Do not adjust)

Item No.	Item name	Variable range	Setting value (Fixed)
Z001	(NO DISPLAY)	0~0F	00
Z002	(NO DISPLAY)	0~0F	00
Z003	(NO DISPLAY)	0~0F	00
Z004	(NO DISPLAY)	0~FF	00
Z005	(NO DISPLAY)	0~FF	00
Z006	(NO DISPLAY)	0~FF	00
Z007	(NO DISPLAY)	0~FF	00
Z008	(NO DISPLAY)	0~FF	00
Z009	(NO DISPLAY)	0~FF	00
Z010	(NO DISPLAY)	0~FF	00

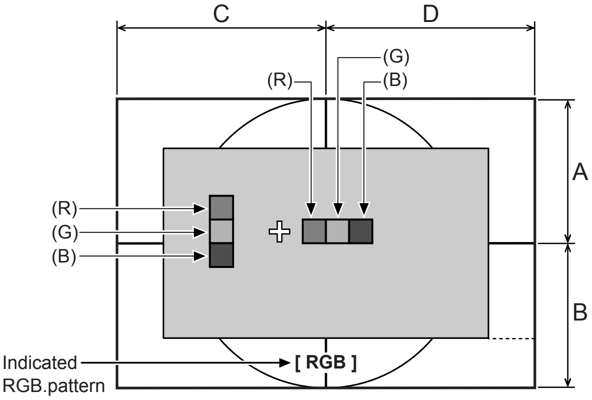
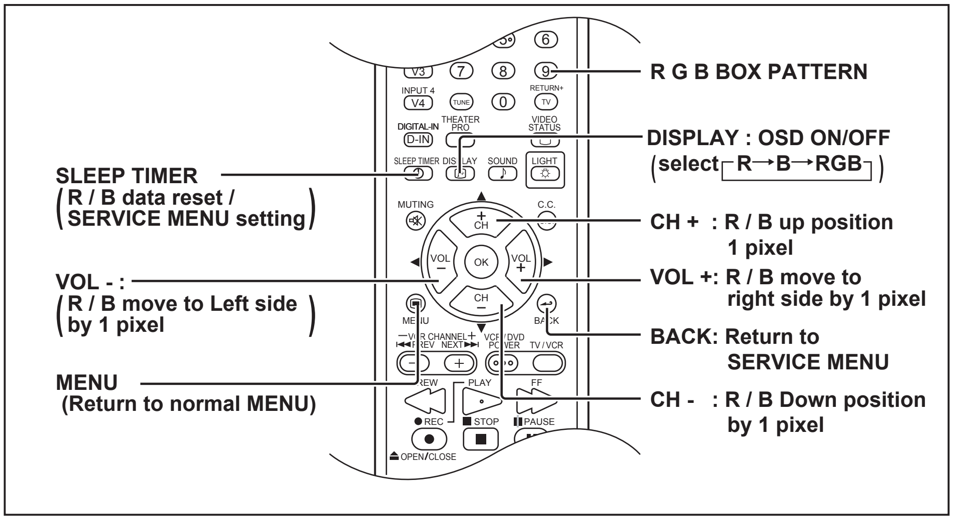
4.5 ADJUSTMENT PROCEDURE

<table>
<tr><th>Item</th><th>Measuring instrument</th><th>Test point</th><th>Adjustment part</th><th>Description</th></tr>
<tr><td>LENS FOCUS adjustment</td><td>Hexagon wrench</td><td></td><td>[Focus knob]
Focus</td><td rowspan="2">(1) Press the [MENU] key on the remote controller.
(2) Adjust the FOCUS with [Focus knob] so that the center screen may become the best focus.
(3) Fix the focus lock screw by using the Hexagon wrench.
• On this occasion, hold a [Focus knob] with your left hand.
(4) Confirm the whole focus of the best screen.</td></tr>
<tr><td colspan="4">
Projection Lens
Focus knob
Focus lock screw

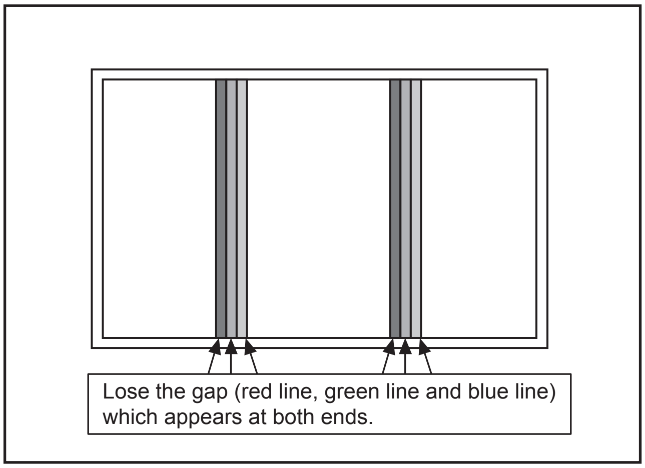
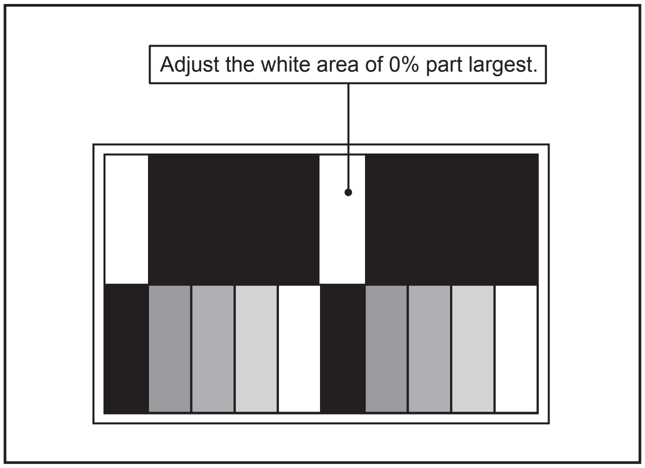
</td></tr>
<tr><td>CONVERGENCE adjustment</td><td>Remote control</td><td></td><td>[RGB BOX PATTERN]
R. pattern</td><td rowspan="2">(1) Set the [SLEEP TIMER] key to 0 min.
(2) Press the [DISPLAY] key and the [VIDEO STATUS] key simultaneously.
(3) Press the [9] key to enter the R G B box pattern.
(4) Select the [R box pattern] by pressing the [DISPLAY] key.
(5) At Horizontal RGB box pattern, top edge position is adjusted as same as G.(green) by pressing the [CH +] / the [CH -] key.
(6) At vertical RGB box pattern, right edge position is adjusted as same as G.(green) green by pressing the [VOL -] / the [VOL +] key.
(7) Select the [B box pattern] by pressing the [DISPLAY] key to same adjustments are done as (5) and (6).
(8) Press the [MENU] key to return normal screen.
Note
• G.(green) box pattern : FIXED
• Adjustment data : Memorized at once.
• H. and V. position data : Reset by [SLEEP TIMER] key.
• DISPLAY key : R→B→RGB→·····
• RGB pattern : Center position select.</td></tr>
<tr><td colspan="4">
(R)(G)(B)
(R)
(G)
(B)
Adjustment COLOR
[R]

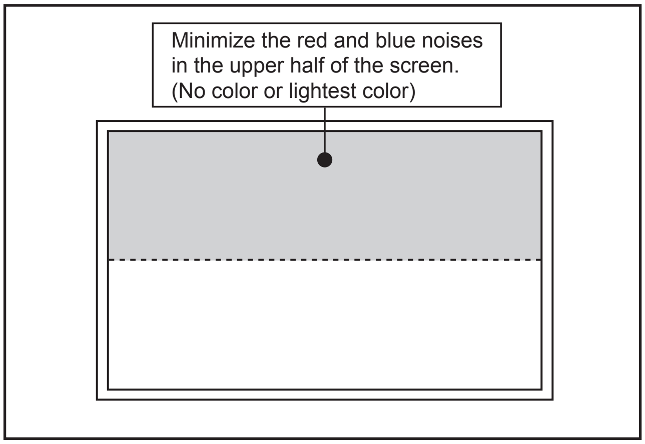
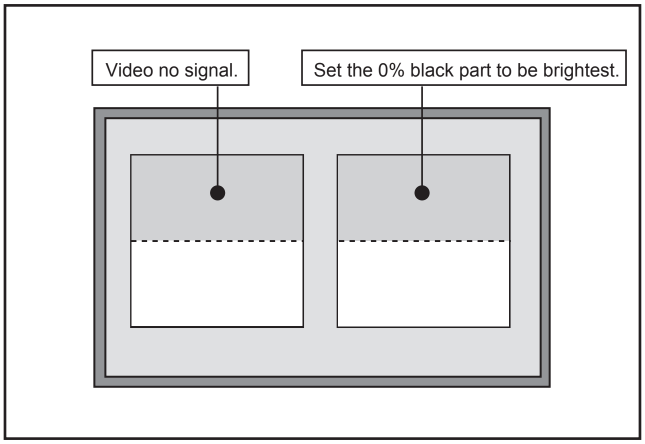
R G B BOX PATTERN</td></tr>
<tr><td colspan="5">[Remote controller key function]

R G B BOX PATTERN
DISPLAY : OSD ON/OFF (select R→B→RGB)
SLEEP TIMER (R / B data reset / SERVICE MENU setting)
CH + : R / B up position 1 pixel
VOL - : (R / B move to Left side by 1 pixel)
VOL +: R / B move to right side by 1 pixel
BACK: Return to SERVICE MENU
MENU (Return to normal MENU)
CH - : R / B Down position by 1 pixel
V3
7
8
9
6
INPUT 4
V4
TUNE
0
RETURN+
TV
DIGITAL-IN
D-IN
THEATER PRO
VIDEO STATUS
SLEEP TIMER
DISPLAY
SOUND
LIGHT
MUTING
C.C.
CH
VOL
OK
MENU
BACK
VCR CHANNEL
PREV
NEXT
VCR/DVD POWER
TV/VCR
REW
PLAY
FF
REC
STOP
PAUSE
OPEN/CLOSE

</td></tr>
</table>

<table>
<tr><th>Item</th><th>Measuring instrument</th><th>Test point</th><th>Adjustment part</th><th>Description</th></tr>
<tr><td>CENTER POSITION adjustment</td><td>Signal generator</td><td></td><td>[RGB BOX PATTERN] RGB. pattern</td><td rowspan="2">(1) Input the cross-circle signal pattern.
(2) Set the [SLEEP TIMER] to 0 min.
(3) Press the [DISPLAY] key and the [VIDEO STATUS] key simultaneously.
(4) Press the [9] key.
(5) Select the [RGB box pattern] by pressing the [DISPLAY] key.
(6) By checking the cross-circle pattern of top and bottom edge, adjust reference lines to be same on top and bottom (A=B) by pressing the [CH + / CH -] key.
(7) By checking the cross-circle pattern to left and right edge, adjust reference lines to be same on left and right (C=D) by pressing the [VOL - / VOL +] key.
(8) Press the [MENU] key to return normal screen.
Note
• G.(green) box pattern : FIXED
• Adjustment data : Memorized at once.
• H. and V. position data : Reset by [SLEEP TIMER] key.
• DISPLAY key : R→B→RGB→·····.
• RGB pattern : Center position select.</td></tr>
<tr><td colspan="4">
C
D
(G)
(R)
(B)
A
(R)
(G)
(B)
B
Indicated RGB.pattern
[RGB]
R G B BOX PATTERN</td></tr>
<tr><td colspan="5">[Remote controller key function]

R G B BOX PATTERN
DISPLAY : OSD ON/OFF
(select R→B→RGB)
SLEEP TIMER
(R / B data reset / SERVICE MENU setting)
CH + : R / B up position 1 pixel
VOL - :
(R / B move to Left side by 1 pixel)
VOL +: R / B move to right side by 1 pixel
BACK: Return to SERVICE MENU
MENU
(Return to normal MENU)
CH - : R / B Down position by 1 pixel
6
V3
7
8
9
INPUT 4
V4
TUNE
0
RETURN+
TV
DIGITAL-IN
D-IN
THEATER PRO
VIDEO STATUS
SLEEP TIMER
DISPLAY
SOUND
LIGHT
MUTING
C.C.
CH
VOL
OK
VOL
CH
MENU
BACK
VCR CHANNEL
PREV
NEXT
VCR/DVD POWER
TV / VCR
REW
PLAY
FF
REC
STOP
PAUSE
OPEN/CLOSE

</td></tr>
</table>

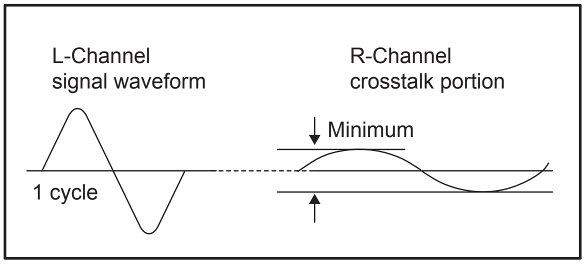
Item	Measuring instrument	Test point	Adjustment part	Description
525i A-D OFFSET adjustment	Remote control unit Signal generator		[1. ADJUST] S001: PREPARE S008: 5i CB OF (525i Cb offset) S009: 5i CR OF (525i Cr offset)	(1) Input a 525i Ramp pattern. (Component signal) (2) Set to [STANDARD]. (3) Set to [FULL]. (4) Set to [LOW]. (5) Select [1.ADJUST] from the SERVICE MENU. (6) Adjust < S001 >(PREPARE) from 000 to 008, goes into the [525i input Cb offset] adjustment setting mode. (7) Adjust < S008 > (525i Cb offset) and < S009 > (525i Cr offset) to sets to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the center of the screen. (8) Repeat from (6) and (7), then compleat 3 vertical line of L and R side best. (9) Adjust < S001 > (PREPARE) from 000 to 008, it change to the normal mode. (10) Press the [MUTING] key to save the value. (11) Press the [MENU] key to return normal screen.
 Lose the gap (red line, green line and blue line) which appears at both ends.				
1125i BRIGHTNESS adjustment	Remote control unit Signal generator		[1. ADJUST] S001:PREPARE S012:HD BL (1125i brightness) S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	(1) Input a 1125i Bright pattern. (Analog component signal) (2) Set to [STANDARD]. (3) Set to [FULL]. (4) Set to [LOW]. (5) Select [1.ADJUST] from the SERVICE MENU. (6) Adjust < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set the values [128]. (7) Adjust < S001 > (PREPARE) from 000 to 012, it goes to [A/D offset] adjustment mode from analog component signal. (8) Adjust < S012 > (HDBL) to set the 0% part in the upper half of the screen to be largest. (9) Adjust < S001 > (PREPARE) from 001 to 000, it change to the normal mode. (10) Press the [MUTING] key to save the value. (11) Press the [MENU] key to return normal screen.
 Adjust the white area of 0% part largest.				

Item	Measuring instrument	Test point	Adjustment part	Description
1125i **A-D OFFSET** **adjustment**	Remote control unit Signal generator		[1. ADJUST] S001:PREPARE S013:HD CB OF (1125i Cb offset) S014:HD CR OF (1125i Cr offset) S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	(1) Input a 1125i 30% all-white pattern. (Analog component signal) (2) Set to [STANDARD]. (3) Set to [FULL]. (4) Set to [LOW]. (5) Select [1.ADJUST] from the SERVICE MENU. (6) Adjust < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set the values [128]. (7) Adjust < S001 > (PREPARE) from 000 to 013, it goes to [Cb offset] adjustment mode from analog component signal. (8) Adjust < S013 > (1125i Cb offset) to minimize the blue noise in the upper half of the screen. (9) Adjust < S014 > (1125i Cr offset) to minimize the red noise in the upper half of the screen (Fig.4). (10) Readjust < S013 > and < S014 > to set the upper half of the screen to be no color or lightest color. (11) repeat from (8) to (10) then adjust the adjustment screen lightest color. (12) Adjust < S001 > (PREPARE) from 001 to 000, it change to the normal mode. (13) Press the [MUTING] key to save the value. (14) Press the [MENU] key to return normal screen.
 Minimize the red and blue noises in the upper half of the screen. (No color or lightest color)				
SUB SCREEN **A-D OFFSET** **adjustment**	Remote control unit Signal generator		[1. ADJUST] S001:PREPARE S016:RT CB OF (Sub screen blue offset) S017:RT CR OF (Sub screen red offset) S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	(1) Receive a black and white pattern signal. (including 0% black signal) / Input a video no signal. (2) Set to [STANDARD]. (3) Set to [FULL]. (4) Set to [LOW]. (5) Set to [TWIN] screen mode. (6) Input a video no signal on the left screen. (7) Receive a black and white signal on the right screen. (8) Select [1.ADJUST] from the SERVICE MENU. (9) Adjust < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set the values [128]. (10) Adjust < S001 > (PREPARE) from 000 to 013, it goes to [Sub-screen Cb offset] adjustment mode from analog component signal. (11) Adjust < S016 > (Sub-screen Cb offset) to minimize the blue noise in the upper half of the screen. ● If you select an adjustment item < S016 >, then the screen automatically turn to twin pictures mode. (12) Adjust < S017 > (Sub-screen Cr offset) to minimize the red noise in the upper half of the screen. (13) Readjust < S016 > and < S017 > to set the upper half of the screen to be the blackest. (14) Adjust < S001 > (PREPARE) from 001 to 000, it change to the normal mode. (15) Press the [MUTING] key to save the value. (16) Press the [MENU] key to return normal screen.
				

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (HIGH LIGHT)	Remote control unit Signal generator		[1. ADJUST] S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	(1) Receive a all-white (75% white) pattern signal. (2) Set to [STANDARD]. (3) Set to [FULL]. (4) Set to [LOW]. (5) Select [1.ADJUST] from the SERVICE MENU. (6) Fix one of < S030 > (Red drive), < S031 > (Green drive) or < S032 > (Blue drive). Then, lower the other two that are not fixed so that the all-white screen is equally white throughout. ● Adjust one or more of < S030 > (R.DRIVE), < 031 > (G DRIVE) and < 032 > (B DRIVE) to set values [128]. (7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (8) Press the [MUTING] key to save the value. (9) Press the [MENU] key to return normal screen.

■ **MTS CIRUT**

Item	Measuring instrument	Test point	Adjustment part	Description
MTS INPUT LEVEL adjustment	Remote control unit		[1. ADJUST] T001:IN LEVEL	(1) Select the [1.ADJUST] from the SERVICE MENU. (2) Select the <T001> (IN LEVEL). (3) Set the <T001> (IN LEVEL) to initial setting value. (4) Press the [MUTING] key to save the value. (5) Press the [MENU] key to return normal screen.
MTS SEPARATION adjustment	TV audio multiplex signal generator Oscilloscope Remote control unit		[1. ADJUST] T002: LOW SEP T003: HIGH SEP	(1) Input stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. (2) Connect an oscilloscope to L OUTPUT pin of the AUDIO OUT, and display one cycle portion of the 300Hz signal. (3) Change the connection of the oscilloscope to R OUTPUT pin of the AUDIO OUT, and enlarge the voltage axis. (4) Select <T002> (LOW SEP.). (5) Set the initial setting value of <T002> (LOW SEP.). (6) Adjust <T002> (LOW SEP.) so that the stroke element of the 300Hz signal will become minimum. (7) Change the signal to 3kHz, and similarly adjust <T003> (HIGH SEP.). (8) Press the [MUTING] key to save the value. (9) Press the [MENU] key to return normal screen.



SECTION 5
TROUBLESHOOTING

5.1 SELF-CHECK FEATURE

5.1.1 OUTLINE

This unit comes with the [SELF-CHECK] feature, which checks the operational state of the circuit and displays/saves it during failure. SELF-CHECK is performed when power is turned on, and information input to the main microcomputer is monitored at all time. SELF-CHECK is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I2C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF-CHECK DISPLAY MODE

Before entering the SELF-CHECK display mode, confirm that the setting of TV / CATV SW of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR / DVD SW is at the "VCR" side. If the switches have not been properly set, you cannot enter the SELF-CHECK display mode.

(1) Press the [SLEEP TIMER] key and set it to 30 minutes.
(2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously, then enter the SERVICE MENU.
(3) Press the [2] key (SELF-CHECK display mode) before the service mode screen disappears.

5.1.3 HOW TO EXIT THE SELF-CHECK MODE

To Save Failure History :

Turn off the power by unplugging the AC power cord plug when in the SELF-CHECK mode.

To Clear (Reset) Failure History :

Turn off the power by pressing the [POWER] key on the remote control unit when in the SELF-CHECK mode.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE :

Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF-CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be SELF-CHECK as "Abnormal" and displayed and counted as "NG".

(1) Temporary defective transmissions across circuits due to pulse interruptions.
(2) Misalignment in the on/off timing of power for I2C bus (VCC) when turning on/off the main power.

SELF-CHECK may be impeded if a large number of items are displayed as "NG". As such, start SELF-CHECK only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new SELF-CHECK results.

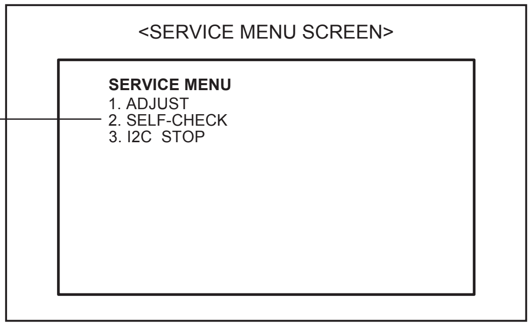
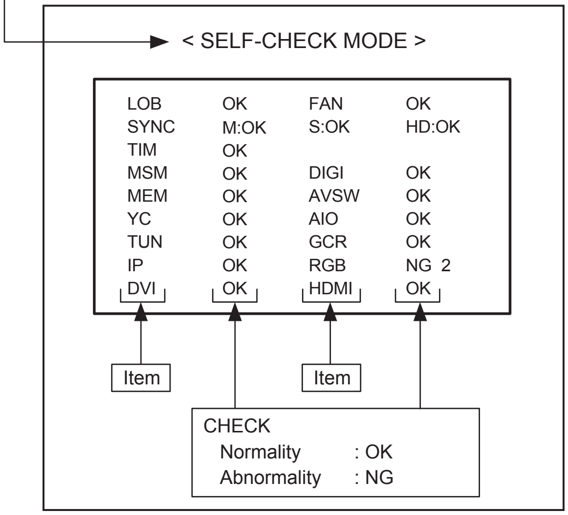


Fig.1



LOB	OK	FAN	OK
SYNC	M:OK	S:OK	HD:OK
TIM	OK		
MSM	OK	DIGI	OK
MEM	OK	AVSW	OK
YC	OK	AIO	OK
TUN	OK	GCR	OK
IP	OK	RGB	NG 2
DVI	OK	HDMI	OK

Fig.2

5.1.6 DETAILS

Self-check is performed for the following items:

Item	Display	Description of detection	Diagnosis signal (line)	Means of detection
LOW B LINE PROTECTION	LOB	Was Low B line short protector activated? No. of times short circuit protection is triggered [POWER PWB]	Protector	Detection starts 3 seconds upon power on Turns off power if NG is detected within 400ms
Temp. detect	FAN	Self-check for port 10 pin was error ? [FAN CONTROL PWB]	Protector	Detection starts 3 seconds upon power on Turns off power if NG is detected within 250ms
AC	TIM	Not used	Not used	Not used
WITH / WITHOUT SYNC SIGNALS	SYNC	Are there synchronized signals? HD: Color difference synchronized signals M: Main Synchronized signals S: Sub-synchronized signals [IC801]	SDA	Checks whether there are synchronized signal in video signal
BS digital	DIG1	Not used	Not used	Not used
MEMORY	MEM	Is ACK returned during I^2C transmission? [IC7602]	SDA	Monitors upon every I^2C transmission and counts if ACK is not returned
AV SWITCH	AVSW	Same as above [IC501]		Same as above
AUDIO PROCESSING	AIO	Same as above [IC4001]		
3D Y/C SEPARATION	YC	Same as above [IC1001]		
RF TUNER	TUN	Same as above [TU1101]		
MAIN MI-CON	MSM	Same as above [IC7601]		
RGB	RGB	Same as above [IC3801]		
GHOST REDUCTION	GCR	Same as above		
DIST PROCESSING	IP	Same as above [IC3001]		
DVI	DVI	Same as above [IC3001]		
HDMI	HDMI	Same as above [IC8001]		

5.1.7 DISPLAY METHOD WHEN RASTER IS NOT AVAILABLE

In a state where a display screen does not appear due to the failure of this unit, the LED can light up and display a trouble mode. The factors in case the power is forcibly cut off at the time of failure are memorized and those are displayed.

Item	Contents	Action	Classifications	LED control
Lamp does not light up	Detection of non-light-up when lamp is turned on	power off with out neutral	3	Turn on POWER LED (green) and LAMP/REC LED (orange) simultaneously at 0.1 sec. intervals. → brightness HIGH
Lamp goes out	Detection when lamp goes off from on	Same as above	3	Turn on POWER LED (green) and LAMP/REC LED (orange) simultaneously at 0.1 sec. intervals. → brightness HIGH
Abnormal circuit	Detection of abnormal circuit	Same as above	2	Turn only LAMP/REC LED (orange) on and off at 0.5 sec. intervals. → brightness HIGH
Fan lock	Detection of fan lock	Same as above	1	Turn on and off POWER LED (green) and LAMP/REC (orange) alternately at 0.5 sec. intervals. → brightness HIGH
Lamp cover open	Detection of lamp cover open	Same as above	3	Turn on and off POWER LED (green) and LAMP/REC LED (orange) simultaneously at 0.1 sec. intervals. → brightness HIGH
Abnormal temperature	Detection of abnormal lamp temperature	Same as above	1	Turn on and off POWER LED (green) and LAMP/REC LED (orange) alternately at 0.5 sec. intervals. → brightness HIGH

Explanation on Action

If NG is detected on an item being diagnosed, turn off the power on this unit. As soon as the power goes off, turn on and off [Power LED] immediately. After the power is cut off, it becomes impossible to turn on the power until the power cable is either plugged in or unplugged from the AC outlet.

- When [1] and [3] take place at the same time, give priority to [1], and [2] will not take place simultaneously with [1] and [3].

HD-52Z575, HD-52Z585, HD-61Z575, HD-61Z585

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal : Colour bar signal

(2)Setting positions of each knob/button and variable resistor : Original setting position when shipped

(3)Internal resistance of tester : DC 20kΩ/V

(4)Oscilloscope sweeping time : H ⇒ 20µs / div
: V ⇒ 5ms / div
: Othters ⇒ Sweeping time is specified

(5)Voltage values : All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

- Resistance value

No unit : [Ω]
K : [kΩ]
M : [MΩ]

- Rated allowable power

No indication : 1/16 [W]
Others : As specified

- Type

No indication : Carbon resistor
OMR : Oxide metal film resistor
MFR : Metal film resistor
MPR : Metal plate resistor
UNFR : Uninflammable resistor
FR : Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

- Capacitance value

1 or higher : [pF]
less than 1 : [µF]

- Withstand voltage

No indication : DC50[V]
Others : DC withstand voltage [V]
AC indicated : AC withstand voltage [V]

∗ Electrolytic Capacitors
47/50[Example]: Capacitance value [µF]/withstand voltage[V]

- Type

No indication : Ceramic capacitor
MM : Metalized mylar capacitor
PP : Polypropylene capacitor
MPP : Metalized polypropylene capacitor
MF : Metalized film capacitor
TF : Thin film capacitor
BP : Bipolar electrolytic capacitor
TAN : Tantalum capacitor

(3)Coils

No unit : [µH]
Others : As specified

(4)Power Supply

═══ : B1
▬ ▬ ▬ ▬ : B2 (12V)
■□■□ : 9V
□□□□ : 5V

∗ Respective voltage values are indicated

(5)Test point

◉ : Test point
○ : Only test point display

(6)Connecting method

▭ : Connector
○ : Wrapping or soldering
→≻ →⊁ : Receptacle

(7)Ground symbol

⊥ : LIVE side ground
⊥̷ : ISOLATED(NEUTRAL) side ground
⏚ : EARTH ground
▽ : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⊥̷) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time.
If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

CONTENTS

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MAIN DRIVE PWB CIRCUIT DIAGRAM 2-49
POWER PWB CIRCUIT DIAGRAM 2-63
REGULATOR PWB CIRCUIT DIAGRAM 2-67
FAN CONTROL PWB CIRCUIT DIAGRAM 2-69
TEMP. SENSOR PWB CIRCUIT DIAGRAM 2-71
LAMP COVER SW PWB CIRCUIT DIAGRAM 2-72
SIDE CONTROL PWB CIRCUIT DIAGRAM 2-73
FRONT LED PWB CIRCUIT DIAGRAM 2-75
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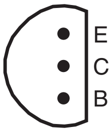
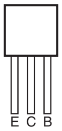
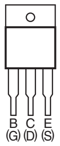
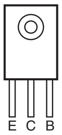
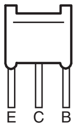
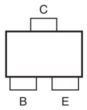
RECEIVER PWB PATTERN 2-79
REAR JACK PWB PATTERN 2-81
ANALOG SIGNAL PWB PATTERN 2-83
DIGITAL SIGNAL PWB PATTERN 2-85
MAIN DRIVE PWB PATTERN 2-89
POWER PWB PATTERN 2-93
REGULATOR PWB PATTERN 2-97
SUB DRIVE PWB PATTERN 2-99
FAN CONTROL PWB PATTERN 2-100
TEMP. SENSOR PWB PATTERN 2-100
LAMP COVER SW PWB PATTERN 2-100
SIDE CONTROL PWB PATTERN 2-101
FRONT LED PWB PATTERN 2-102
REMOTE SENSOR PWB PATTERN 2-102
CHANNEL CHART (US) 2-103
CHANNEL CHART (CA) 2-104

USING P.W. BOARD

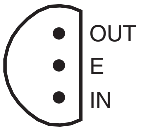
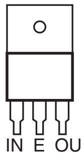
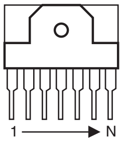
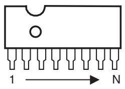
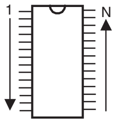
PWB ASS'Y name	HD-52Z575	HD-52Z585	HD-61Z575	HD-61Z585
RECEIVER P.W. BOARD	SRP0R005A-M2	←	←	←
REAR JACK P.W. BOARD	SRP0J005A-M2	←	←	←
ANALOG SIGNAL P.W. BOARD	SRP-1005A-M2	←	←	←
DIGITAL SIGNAL P.W. BOARD	SRP0D007A-M2	SRP0D005A-M2	SRP0D008A-M2	SRP0D006A-M2
SUB DRIVE P.W. BOARD	SRP-8405A-M2	←	←	←
MAIN DRIVE P.W BOARD	SRP-3005A-M2	←	←	←
POWER P.W. BOARD	SRP-9005A-M2	←	←	←
REGULATOR P.W. BOARD	SRP-2005A-M2	←	←	←
FAN CONTROL P.W. BOARD	SRP-8105A-M2	←	←	←
TEMP. SENSOR P.W. BOARD	SRP-8205A-M2	←	←	←
LAMP COVER SW P.W. BOARD	SRP0L205A-M2	←	←	←
SIDE CONTROL P.W. BOARD	SRP0L005A-M2	←	←	←
FRONT LED P.W. BOARD	SRP0L105A-M2	←	←	←
REMOTE SENSOR P.W. BOARD	SRP-8005A-M2	←	←	←

SEMICONDUCTOR SHAPES

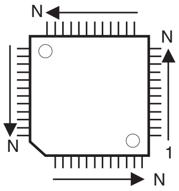
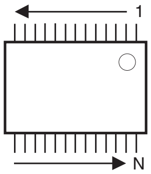
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

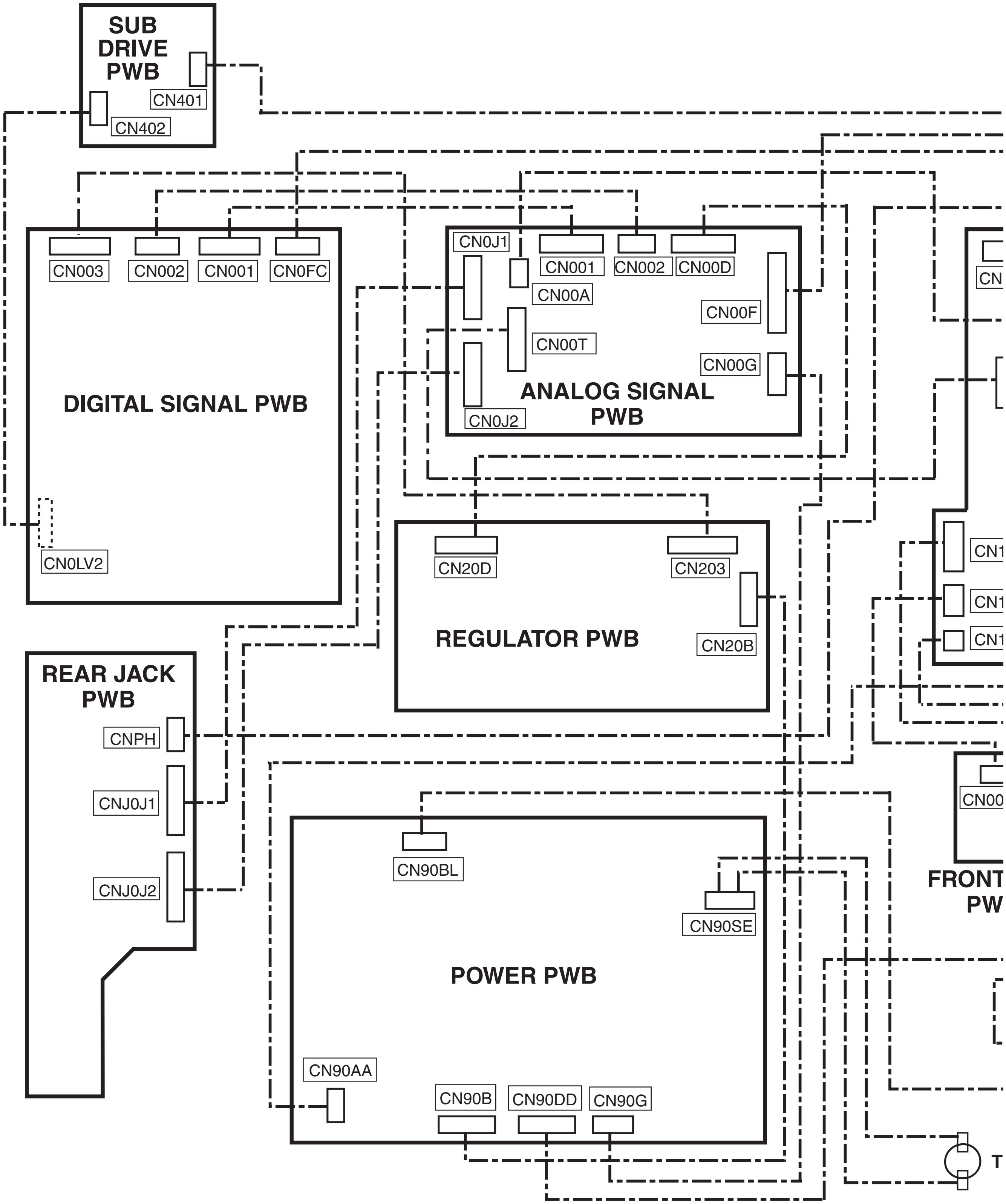
IC

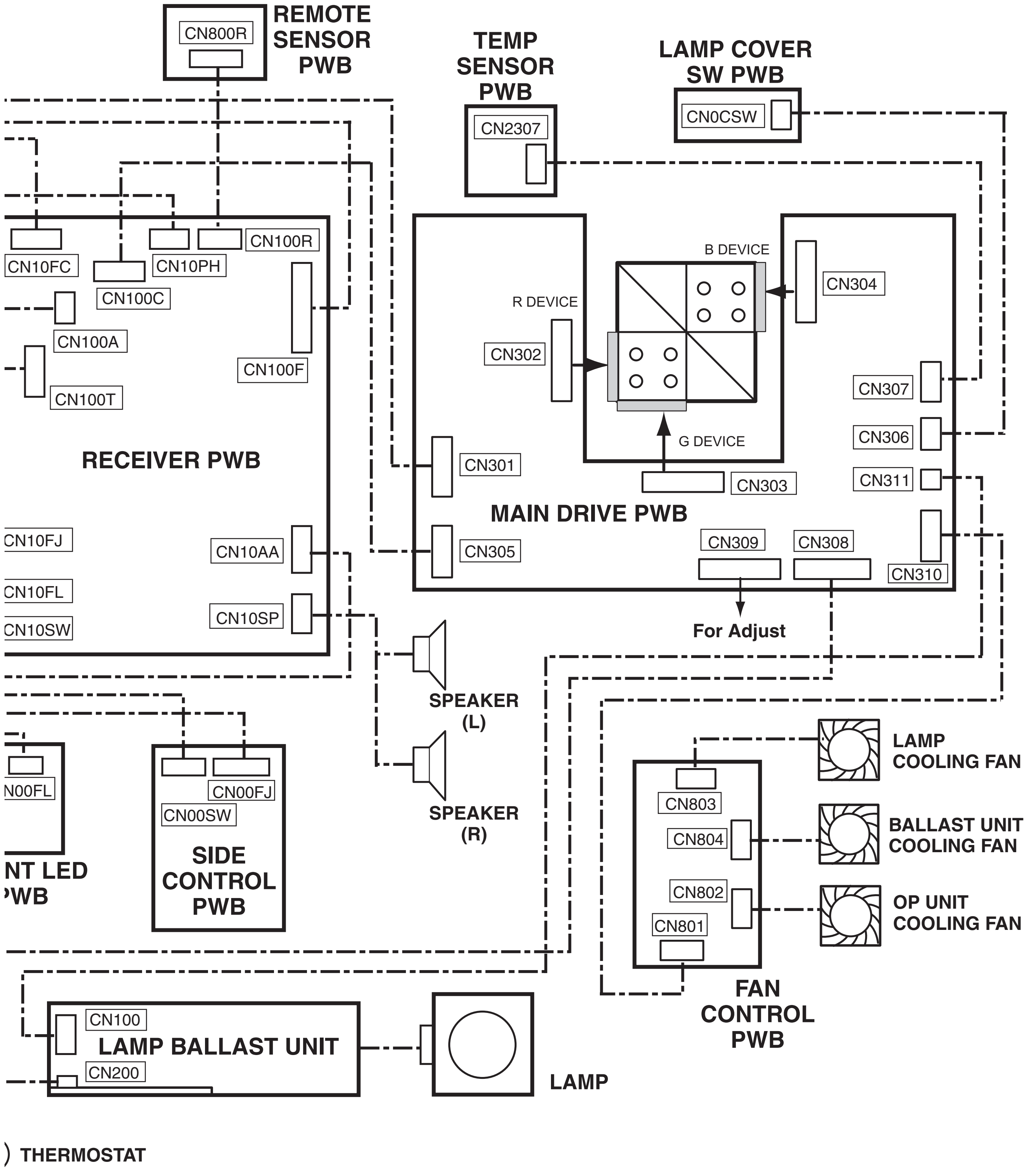
BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

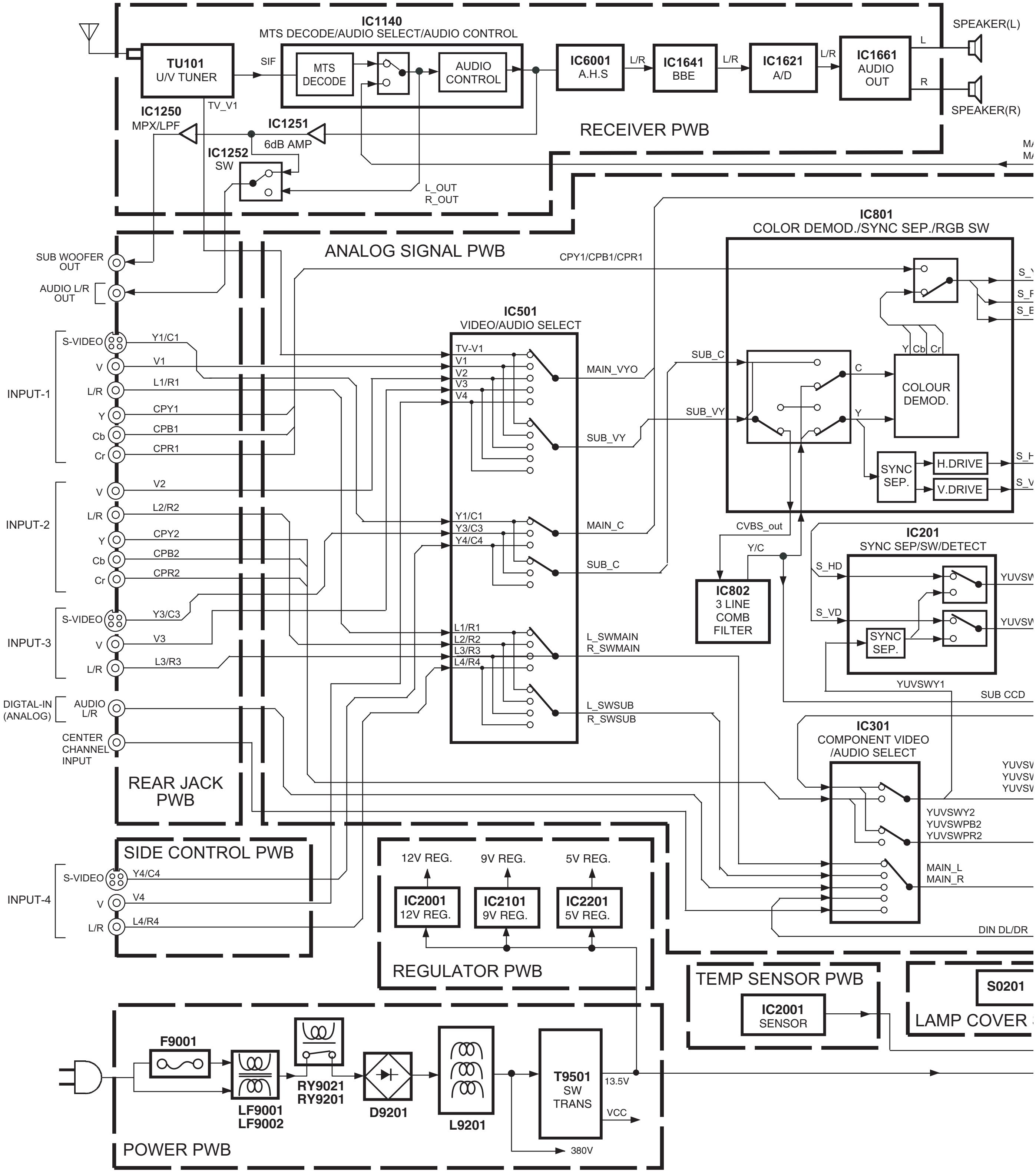
TOP VIEW		
		

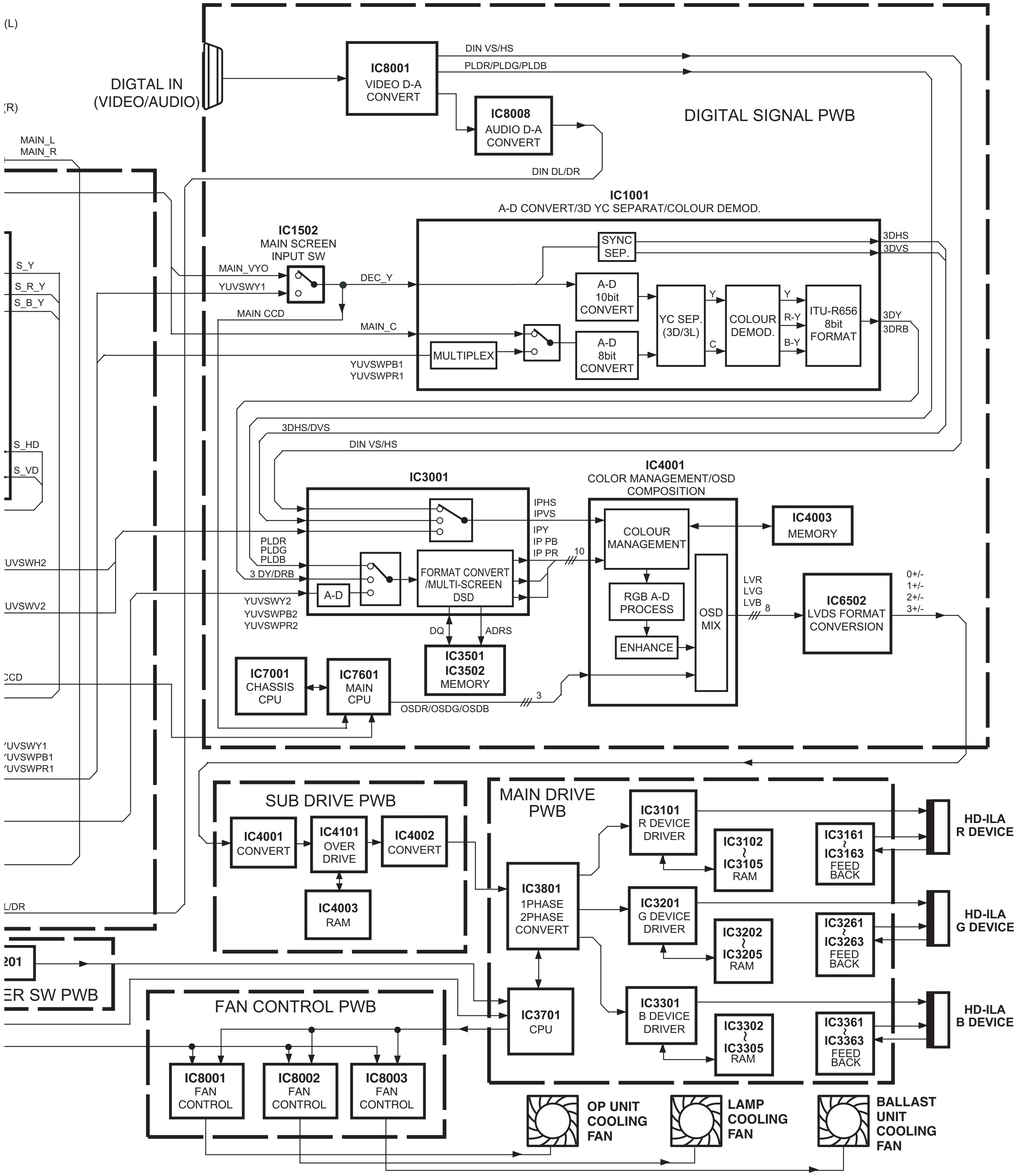
WIRING DIAGRAM


SUB DRIVE PWB
CN401
CN402
DIGITAL SIGNAL PWB
CN003
CN002
CN001
CN0FC
CN0LV2
ANALOG SIGNAL PWB
CN0J1
CN001
CN002
CN00D
CN00A
CN00F
CN00T
CN00G
CN0J2
REGULATOR PWB
CN20D
CN203
CN20B
REAR JACK PWB
CNPH
CNJ0J1
CNJ0J2
POWER PWB
CN90BL
CN90SE
CN90AA
CN90B
CN90DD
CN90G
CN
CN1
CN1
CN1
CN00
FRONT
PW
T


REMOTE SENSOR PWB
CN800R
TEMP SENSOR PWB
CN2307
LAMP COVER SW PWB
CN0CSW
CN10FC
CN10PH
CN100R
CN100C
CN100A
CN100T
CN100F
RECEIVER PWB
CN10FJ
CN10AA
CN10FL
CN10SP
CN10SW
B DEVICE
R DEVICE
G DEVICE
CN304
CN302
CN307
CN306
CN301
CN303
CN311
MAIN DRIVE PWB
CN305
CN309
CN308
CN310
For Adjust
SPEAKER (L)
SPEAKER (R)
N00FL
NT LED
'WB
CN00FJ
CN00SW
SIDE CONTROL PWB
LAMP COOLING FAN
CN803
CN804
BALLAST UNIT COOLING FAN
CN802
OP UNIT COOLING FAN
CN801
FAN CONTROL PWB
CN100
LAMP BALLAST UNIT
CN200
LAMP
) THERMOSTAT

BLOCK DIAGRAM

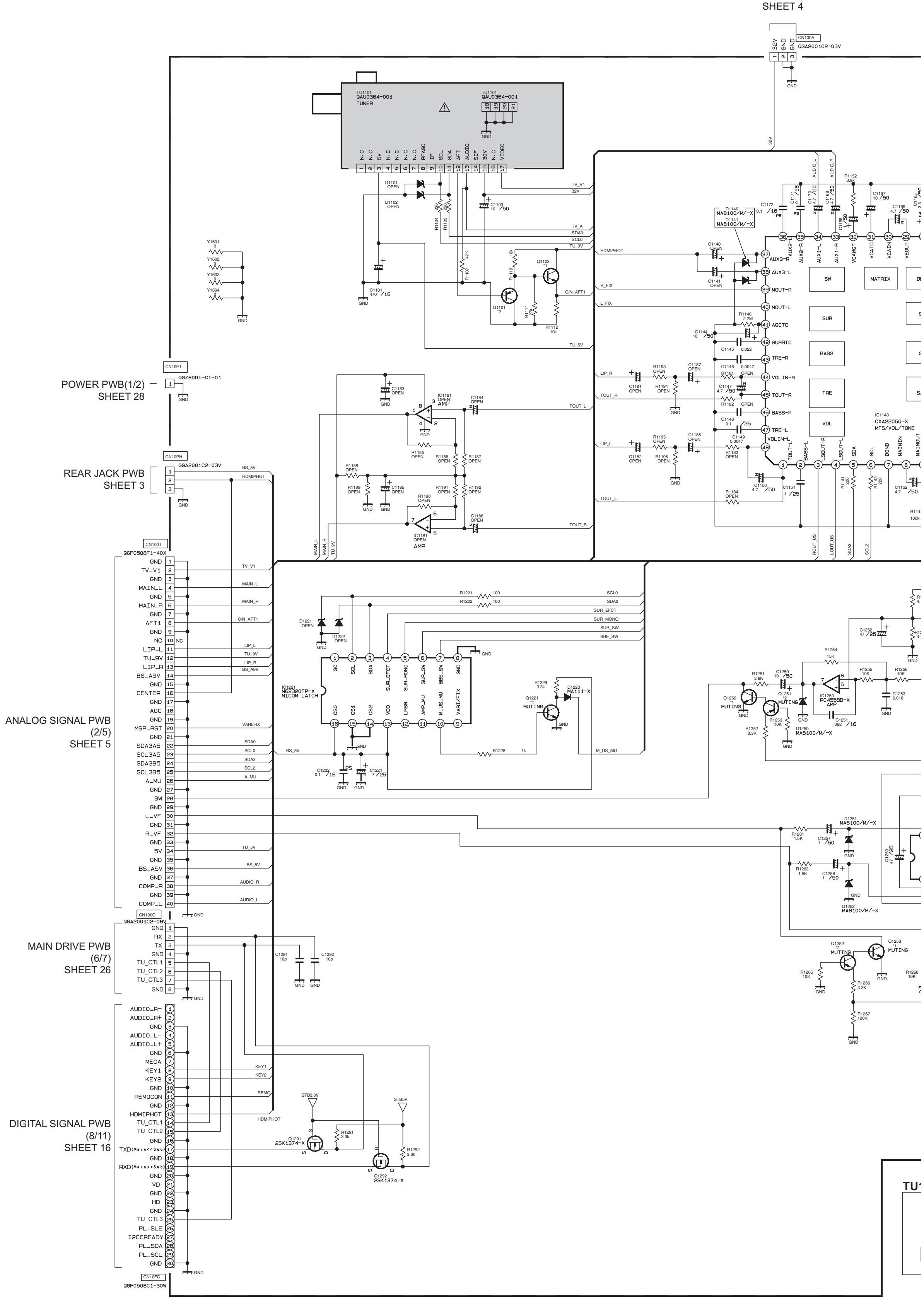

IC1140
MTS DECODE/AUDIO SELECT/AUDIO CONTROL
TU101
U/V TUNER
SIF
MTS
DECODE
AUDIO
CONTROL
IC6001
A.H.S
L/R
IC1641
BBE
L/R
IC1621
A/D
L/R
IC1661
AUDIO
OUT
L
R
SPEAKER(L)
SPEAKER(R)
IC1250
MPX/LPF
TV_V1
IC1251
6dB AMP
IC1252
SW
L_OUT
R_OUT
RECEIVER PWB
ANALOG SIGNAL PWB
SUB WOOFER
OUT
AUDIO L/R
OUT
S-VIDEO
Y1/C1
V
V1
L/R
L1/R1
INPUT-1
Y
CPY1
Cb
CPB1
Cr
CPR1
V
V2
L/R
L2/R2
INPUT-2
Y
CPY2
Cb
CPB2
Cr
CPR2
S-VIDEO
Y3/C3
V
V3
INPUT-3
L/R
L3/R3
DIGTAL-IN
(ANALOG)
AUDIO
L/R
CENTER
CHANNEL
INPUT
REAR JACK
PWB
SIDE CONTROL PWB
INPUT-4
S-VIDEO
Y4/C4
V
V4
L/R
L4/R4
CPY1/CPB1/CPR1
IC501
VIDEO/AUDIO SELECT
TV-V1
V1
V2
V3
V4
MAIN_VYO
SUB_VY
Y1/C1
Y3/C3
Y4/C4
MAIN_C
SUB_C
L1/R1
L2/R2
L3/R3
L4/R4
L_SWMAIN
R_SWMAIN
L_SWSUB
R_SWSUB
IC801
COLOR DEMOD./SYNC SEP./RGB SW
SUB_C
SUB_VY
C
Y
Y Cb Cr
COLOUR
DEMOD.
SYNC
SEP.
H.DRIVE
V.DRIVE
S_
S_
S_
S_
S_
CVBS_out
Y/C
IC802
3 LINE
COMB
FILTER
IC201
SYNC SEP/SW/DETECT
S_HD
S_VD
SYNC
SEP.
YUVSW
YUVSW
YUVSWY1
SUB CCD
IC301
COMPONENT VIDEO
/AUDIO SELECT
YUVSW
YUVSW
YUVSW
YUVSWY2
YUVSWPB2
YUVSWPR2
MAIN_L
MAIN_R
DIN DL/DR
MA
MA
12V REG.
9V REG.
5V REG.
IC2001
12V REG.
IC2101
9V REG.
IC2201
5V REG.
REGULATOR PWB
TEMP SENSOR PWB
IC2001
SENSOR
S0201
LAMP COVER
F9001
LF9001
LF9002
RY9021
RY9201
D9201
L9201
T9501
SW
TRANS
13.5V
VCC
380V
POWER PWB

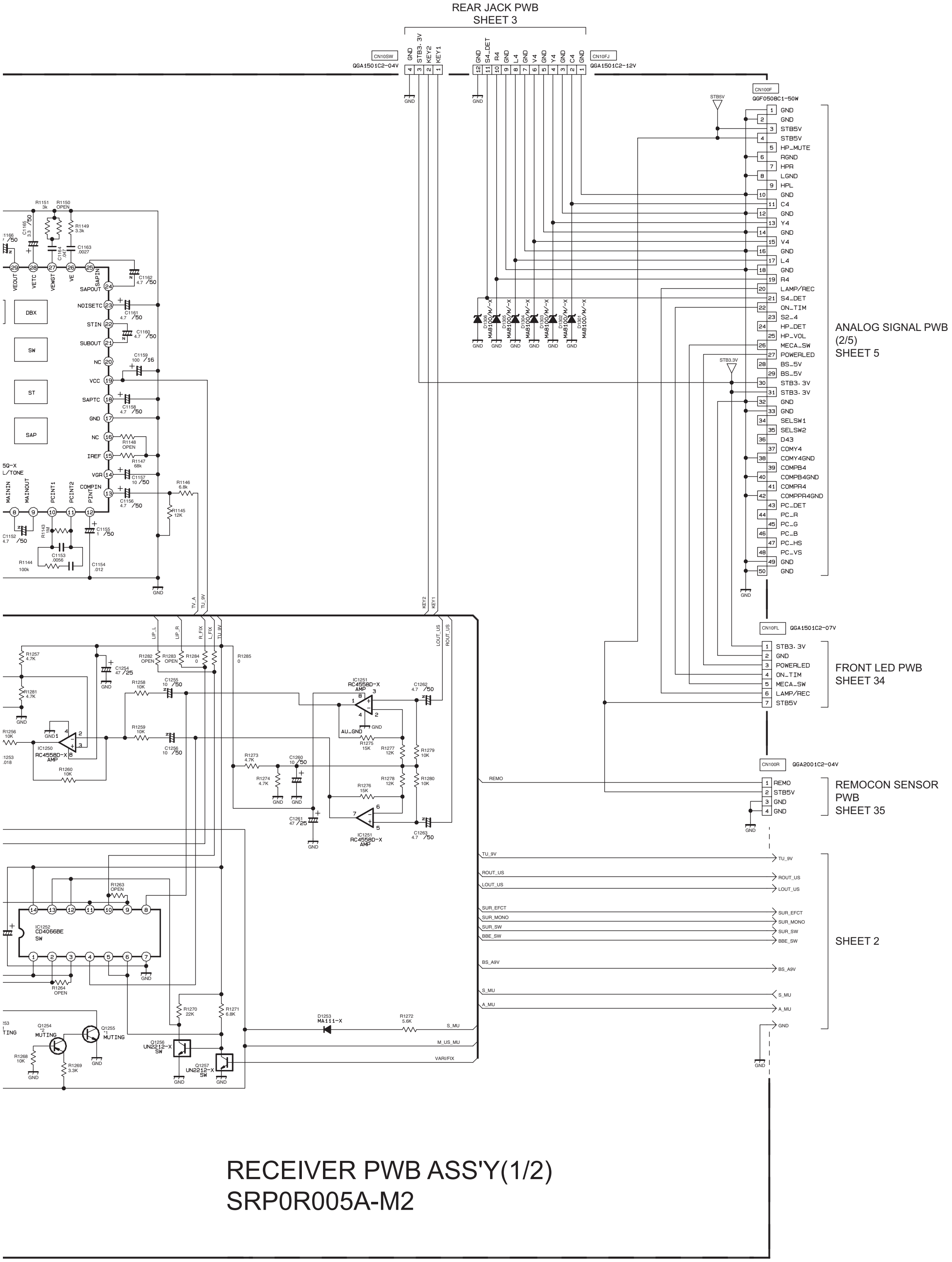


(L)
(R)
DIGTAL IN
(VIDEO/AUDIO)
MAIN_L
MAIN_R
DIGITAL SIGNAL PWB
IC8001
VIDEO D-A
CONVERT
DIN VS/HS
PLDR/PLDG/PLDB
IC8008
AUDIO D-A
CONVERT
DIN DL/DR
IC1001
A-D CONVERT/3D YC SEPARAT/COLOUR DEMOD.
IC1502
MAIN SCREEN
INPUT SW
MAIN_VYO
YUVSWY1
MAIN CCD
DEC_Y
MAIN_C
YUVSWPB1
YUVSWPR1
SYNC
SEP.
A-D
10bit
CONVERT
A-D
8bit
CONVERT
MULTIPLEX
YC SEP.
(3D/3L)
Y
C
COLOUR
DEMOD.
Y
R-Y
B-Y
ITU-R656
8bit
FORMAT
3DHS
3DVS
3DY
3DRB
S_Y
S_R_Y
S_B_Y
S_HD
S_VD
3DHS/DVS
DIN VS/HS
IC3001
IPHS
IPVS
IPY
IP PB
IP PR
10
PLDR
PLDG
PLDB
3 DY/DRB
A-D
FORMAT CONVERT
/MULTI-SCREEN
DSD
YUVSWY2
YUVSWPB2
YUVSWPR2
YUVSWH2
YUVSWV2
DQ
ADRS
IC3501
IC3502
MEMORY
IC4001
COLOR MANAGEMENT/OSD
COMPOSITION
COLOUR
MANAGEMENT
RGB A-D
PROCESS
ENHANCE
OSD
MIX
IC4003
MEMORY
LVR
LVG
LVB
8
IC6502
LVDS FORMAT
CONVERSION
0+/-
1+/-
2+/-
3+/-
CCD
IC7001
CHASSIS
CPU
IC7601
MAIN
CPU
OSDR/OSDG/OSDB
3
YUVSWY1
YUVSWPB1
YUVSWPR1
L/DR
201
ER SW PWB
SUB DRIVE PWB
IC4001
CONVERT
IC4101
OVER
DRIVE
IC4002
CONVERT
IC4003
RAM
MAIN DRIVE
PWB
IC3801
1PHASE
2PHASE
CONVERT
IC3701
CPU
IC3101
R DEVICE
DRIVER
IC3102
~
IC3105
RAM
IC3161
~
IC3163
FEED
BACK
HD-ILA
R DEVICE
IC3201
G DEVICE
DRIVER
IC3202
~
IC3205
RAM
IC3261
~
IC3263
FEED
BACK
HD-ILA
G DEVICE
IC3301
B DEVICE
DRIVER
IC3302
~
IC3305
RAM
IC3361
~
IC3363
FEED
BACK
HD-ILA
B DEVICE
FAN CONTROL PWB
IC8001
FAN
CONTROL
IC8002
FAN
CONTROL
IC8003
FAN
CONTROL
OP UNIT
COOLING
FAN
LAMP
COOLING
FAN
BALLAST
UNIT
COOLING
FAN

CIRCUIT DIAGRAMS

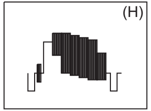
RECEIVER PWB CIRCUIT DIAGRAM (1/2) SHEET1


ANALOG SIGNAL PWB(1/5)
SHEET 4
CN100A
QGA2001C2-03V
32V
GND
TU1101
GAU0364-001
TUNER
N.C
5V
RFAGC
IF
SCL
SDA
AFT
AUDIO
SIF
30V
VIDEO
Q1101
Q1102
C1101
470 /16
TV_V1
TV_A
SDA0
SCL0
TU_9V
HDMIPHOT
R_FIX
L_FIX
C/N_AFT1
TU_5V
LIP_R
TOUT_R
LIP_L
TOUT_L
IC1181
AMP
IC1140
CXA2205Q-X
MTS/VOL/TONE
AUX3-R
AUX3-L
MOUT-R
MOUT-L
AGCTC
SURRTC
TRE-R
VOLIN-R
TOUT-R
BASS-R
TRE-L
VOLIN-L
SW
MATRIX
SUR
BASS
TRE
VOL
D1140
MA8100/M/-X
D1141
MA8100/M/-X
POWER PWB(1/2)
SHEET 28
CN10E1
QGZ8001-C1-01
REAR JACK PWB
SHEET 3
CN10PH
QGA2001C2-03V
BS_5V
ANALOG SIGNAL PWB
(2/5)
SHEET 5
CN100T
QGF0508F1-40X
GND
TV_V1
MAIN_L
MAIN_R
AFT1
NC
LIP_L
TU_9V
LIP_R
BS_A9V
CENTER
AGC
MSP_RST
SDA3A5
SCL3A5
SDA3B5
SCL3B5
A_MU
SW
L_VF
R_VF
5V
BS_A5V
COMP_R
COMP_L
IC1221
M62320FP-X
MICOM LATCH
SO
SCL
SDA
SUR_EFCT
SUR_MONO
SUR_SW
BBE_SW
CS0
CS1
CS2
VDD
LRSW
AMP_MU
M_US_MU
VARI/FIX
Q1221
MUTING
D1223
MA111-X
IC1250
RC4558D-X
AMP
Q1250
MUTING
Q1251
MUTING
D1250
MA8100/M/-X
D1251
MA8100/M/-X
D1252
MA8100/M/-X
Q1252
MUTING
Q1253
MUTING
MAIN DRIVE PWB
(6/7)
SHEET 26
CN100C
QGA2001C2-08V
RX
TX
TU_CTL1
TU_CTL2
TU_CTL3
DIGITAL SIGNAL PWB
(8/11)
SHEET 16
AUDIO_R-
AUDIO_R+
AUDIO_L-
AUDIO_L+
MECA
KEY1
KEY2
REMOCON
HDMIPHOT
TXD(Main<<Sub)
RXD(Main>>Sub)
VD
HD
PL_SLE
I2CCREADY
PL_SDA
PL_SCL
CN10FC
QGF0508C1-30W
STB3.3V
STB5V
Q1291
2SK1374-X
Q1292
2SK1374-X
TU1


REAR JACK PWB
SHEET 3
CN10SW
QGA1501C2-04V
CN10FJ
QGA1501C2-12V
CN100F
QGF0508C1-50W
ANALOG SIGNAL PWB
(2/5)
SHEET 5
CN10FL
QGA1501C2-07V
FRONT LED PWB
SHEET 34
CN100R
QGA2001C2-04V
REMOCON SENSOR
PWB
SHEET 35
SHEET 2
IC1250
RC4558D-X
AMP
IC1251
RC4558D-X
AMP
IC1252
CD4066BE
SW
Q1254
MUTING
Q1255
MUTING
Q1256
UN2212-X
SW
Q1257
UN2212-X
SW
D1253
MA111-X
DBX
SW
ST
SAP
GND
STB3.3V
KEY2
KEY1
S4_DET
R4
L4
V4
Y4
C4
STB5V
HP_MUTE
RGND
HPR
LGND
HPL
LAMP/REC
ON_TIM
S2_4
HP_DET
HP_VOL
MECA_SW
POWERLED
BS_5V
SELSW1
SELSW2
D43
COMY4
COMY4GND
COMPB4
COMPB4GND
COMPR4
COMPPR4GND
PC_DET
PC_R
PC_G
PC_B
PC_HS
PC_VS
REMO
TU_9V
ROUT_US
LOUT_US
SUR_EFCT
SUR_MONO
SUR_SW
BBE_SW
BS_A9V
S_MU
A_MU
M_US_MU
VARI/FIX

RECEIVER PWB ASS'Y(1/2)
SRP0R005A-M2

TU1101-17

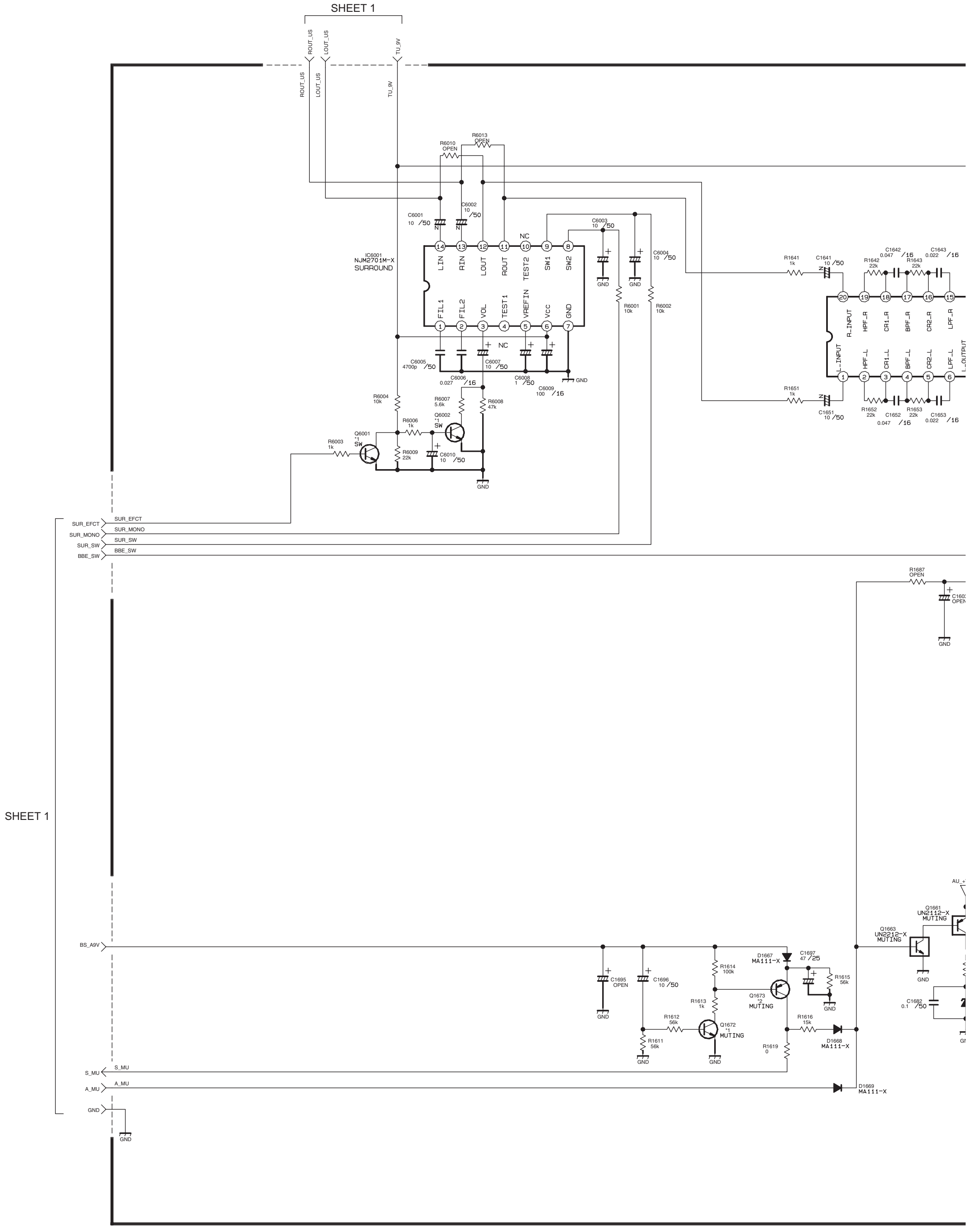


1.8 Vp-p

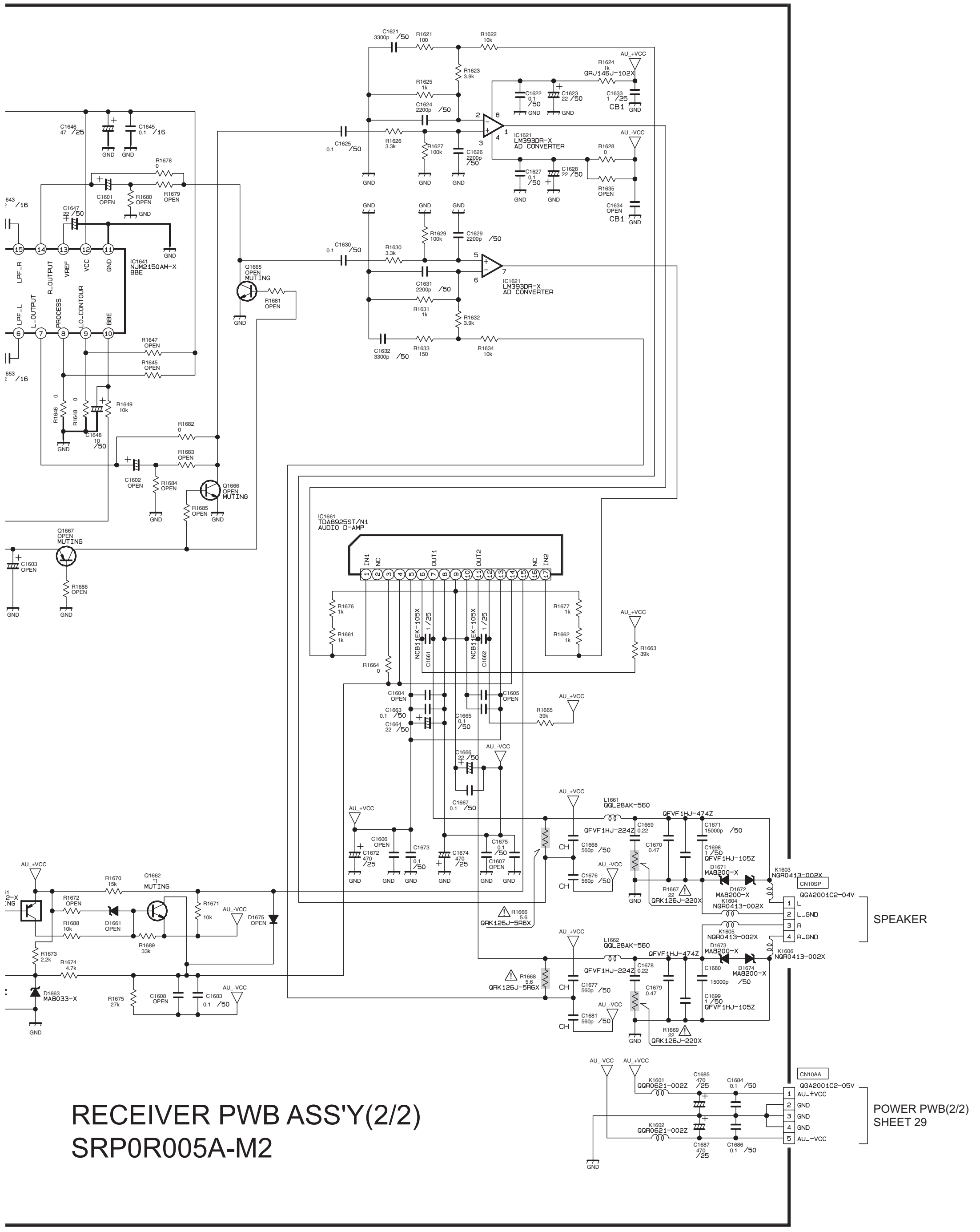
<RECEIVER 1>

MODE PIN NO.	DC (V)
TU1101	
1	NC
2	NC
3	4.9
4	NC
5	NC
6	NC
7	NC
8	NC
9	NC
10	4.3
11	4.1
12	2.7
13	1.8
14	NC
15	34.1
16	NC
17	2
IC1140	
1	4
2	4
3	4
4	4
5	4.9
6	4.9
7	0
8	3.9
9	3.9
10	4
11	3.8
12	3.2
13	4
14	1.2
15	1.3
16	0
17	0
18	3.2
19	8.8
20	NC
21	4
22	4
23	4
24	3.8
25	4
26	3.9
27	4
28	1.9
29	4
30	4
31	1.8
32	4
33	4
34	4
35	4
36	4
37	4
38	4
39	3.9
40	3.9
41	1.1
42	4
43	4
44	4
45	4
46	4
47	4
48	4
IC1251	
1	4
2	4
3	4
4	0
5	4
6	4
7	4
8	8.8
IC1250	
1	4
2	4
3	4
4	0
5	5
6	6
7	4
8	8.8
IC1221	
1	NC
2	4.9
3	4.9
4	4.9
5	2.8
6	0
7	4.7
8	0
9	NC
10	0
11	NC
12	NC
13	4.8
14	0
15	0
16	4.8
IC1252	
1	4
2	3.9
3	4
4	4
5	8.8
6	8.8
7	0
8	4
9	4
10	3.9
11	8
12	8.8
13	8.8
14	0
Q1206	
E	0
C	8.8
B	8.8
IC1207	
E	0
C	8.8
B	0
Q1252	
E	0
C	-2.3
B	0
Q1253	
E	0
C	0
B	-2.3
Q1254	
E	0
C	-2.3
B	0
Q1255	
E	0
C	0
B	-2.3
Q1291	
S	4.9
G	3.2
D	4.8
Q1292	
S	4.9
G	3.2
D	4.8

RECEIVER PWB CIRCUIT DIAGRAM (2/2) SHEET 2



SHEET 1
ROUT_US
LOUT_US
TU_9V
R6010
OPEN
R6013
OPEN
C6001
10 /50
C6002
10 /50
C6003
10 /50
C6004
10 /50
IC6001
NJM2701M-X
SURROUND
NC
LIN
RIN
LOUT
ROUT
TEST2
SW1
SW2
FIL1
FIL2
VOL
TEST1
VREFIN
Vcc
GND
R6001
10k
R6002
10k
C6005
4700p /50
C6006
0.027 /16
C6007
10 /50
C6008
1 /50
C6009
100 /16
R6004
10k
R6007
5.6k
R6008
47k
R6006
1k
Q6002
*1
SW
Q6001
*1
SW
R6003
1k
R6009
22k
C6010
10 /50
R1641
1k
C1641
10 /50
R1642
22k
C1642
0.047 /16
R1643
22k
C1643
0.022 /16
R_INPUT
HPF_R
CR1_R
BPF_R
CR2_R
LPF_R
L_INPUT
HPF_L
CR1_L
BPF_L
CR2_L
LPF_L
L_OUTPUT
R1651
1k
C1651
10 /50
R1652
22k
C1652
0.047 /16
R1653
22k
C1653
0.022 /16
SUR_EFCT
SUR_MONO
SUR_SW
BBE_SW
R1687
OPEN
C1603
OPEN
SHEET 1
BS_A9V
C1695
OPEN
C1696
10 /50
R1614
100k
R1613
1k
R1612
56k
R1611
56k
Q1672
*1
MUTING
Q1673
*2
MUTING
D1667
MA111-X
C1697
47 /25
R1615
56k
R1616
15k
R1619
0
D1668
MA111-X
D1669
MA111-X
Q1663
UN2212-X
MUTING
Q1661
UN2112-X
MUTING
C1682
0.1 /50
AU_+
S_MU
A_MU
GND


IC1641
NJM2150AM-X
BBE
LPF_R
R_OUTPUT
VREF
VCC
GND
LPF_L
L_OUTPUT
PROCESS
LO_CONTOUR
BBE
IC1621
LM393DR-X
AD CONVERTER
QRJ146J-102X
CB1
AU_+VCC
AU_-VCC
Q1665
OPEN
MUTING
Q1666
OPEN
MUTING
Q1667
OPEN
MUTING
IC1661
TDA8925ST/N1
AUDIO D-AMP
IN1
NC
OUT1
OUT2
NC
IN2
NCB11EK-105X
L1661
QQL28AK-560
L1662
QQL28AK-560
QFVF1HJ-224Z
QFVF1HJ-474Z
QFVF1HJ-105Z
QRK126J-220X
QRK126J-5R6X
MA8200-X
NQR0413-002X
K1603
K1604
K1605
K1606
CN10SP
QGA2001C2-04V
L
L_GND
R
R_GND
Q1662
MUTING
D1661
OPEN
D1675
OPEN
D1663
MA8033-X
CN10AA
QGA2001C2-05V
K1601
QQR0621-002Z
K1602
QQR0621-002Z
AU_+VCC
GND
GND
GND
AU_-VCC
SPEAKER
POWER PWB(2/2)
SHEET 29
GND
CH

RECEIVER PWB ASS'Y(2/2)
SRP0R005A-M2

MODE PIN NO.	DC (V)
IC6001	
1	4.4
2	4.4
3	4.4
4	NC
5	4.4
6	9
7	0
8	0
9	0
10	NC
11	4.4
12	4.4
13	4.4
14	4.4
IC1641	
1	4.4
2	0
3	0
4	4.4
5	4.4
6	4.4
7	0
8	0
9	0
10	4.7
11	0
12	8.9
13	4.4
14	4.4
15	4.4
16	4.4
17	4.4
18	4.4
19	4.4
20	4.4
IC1621	
1	-13.5
2	0
3	0
4	-13.7
5	0
6	0
7	-13.6
8	12.9
IC1661	
1	-13.5
2	-0.1
3	-13.7
4	-13.7
5	13.6
6	8.9
7	1.7
8	-13.7
9	-0.6
10	-13.7
11	1.7
12	8.9
13	13.6
14	-13.7
15	-3.1
16	-0.1
17	-13.5
Q1661	
E	13.6
C	13.5
B	0
Q1662	
E	-13.7
C	-13.7
B	-13
Q1663	
E	0
C	0
B	1.8
Q1672	
E	0
C	12
B	0
Q1673	
E	11.3
C	0
B	12
Q6001	
E	0
C	3.2
B	2.8
Q6002	
E	0
C	4.4
B	3.2

REAR JACK PWB CIRCUIT DIAGRAM SHEET 3

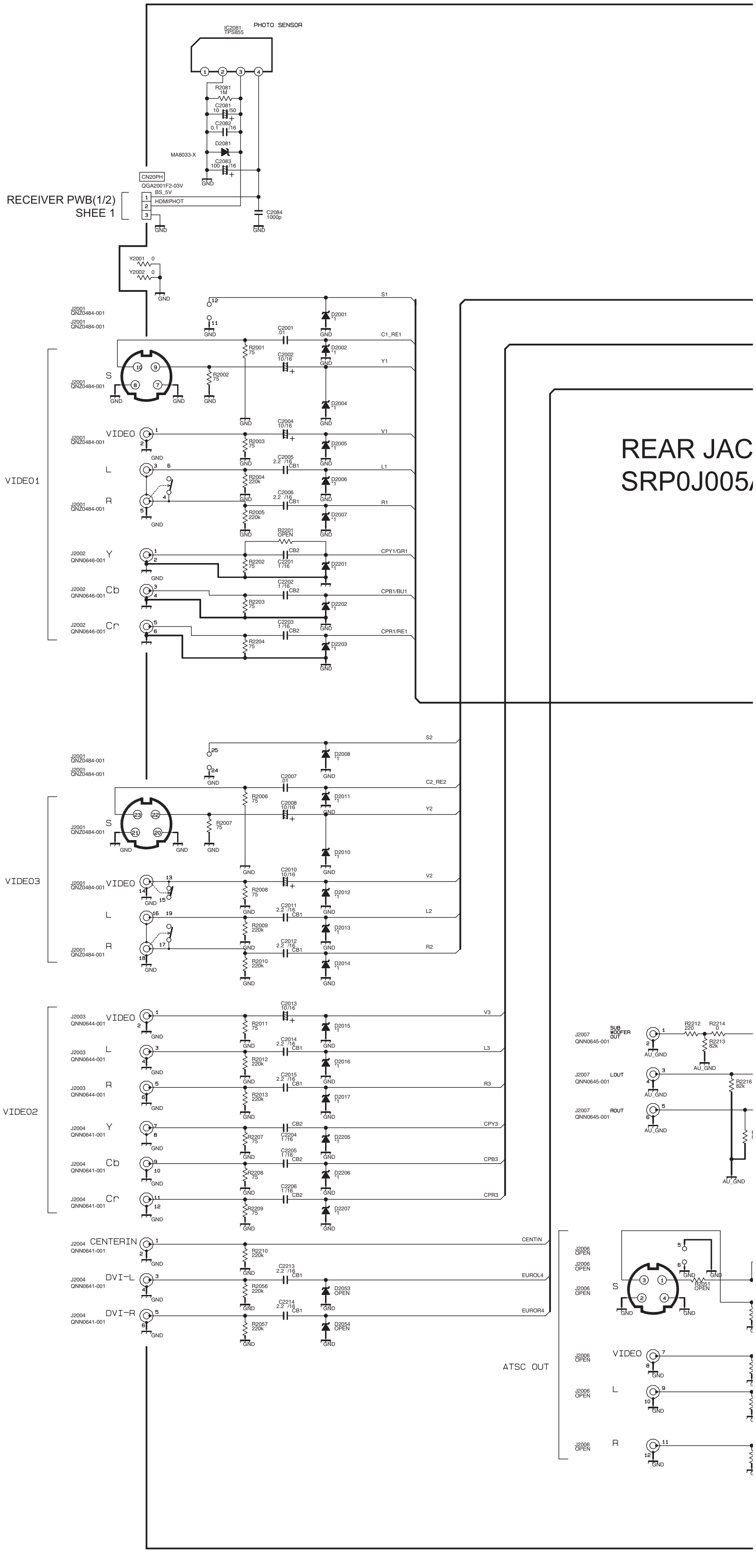
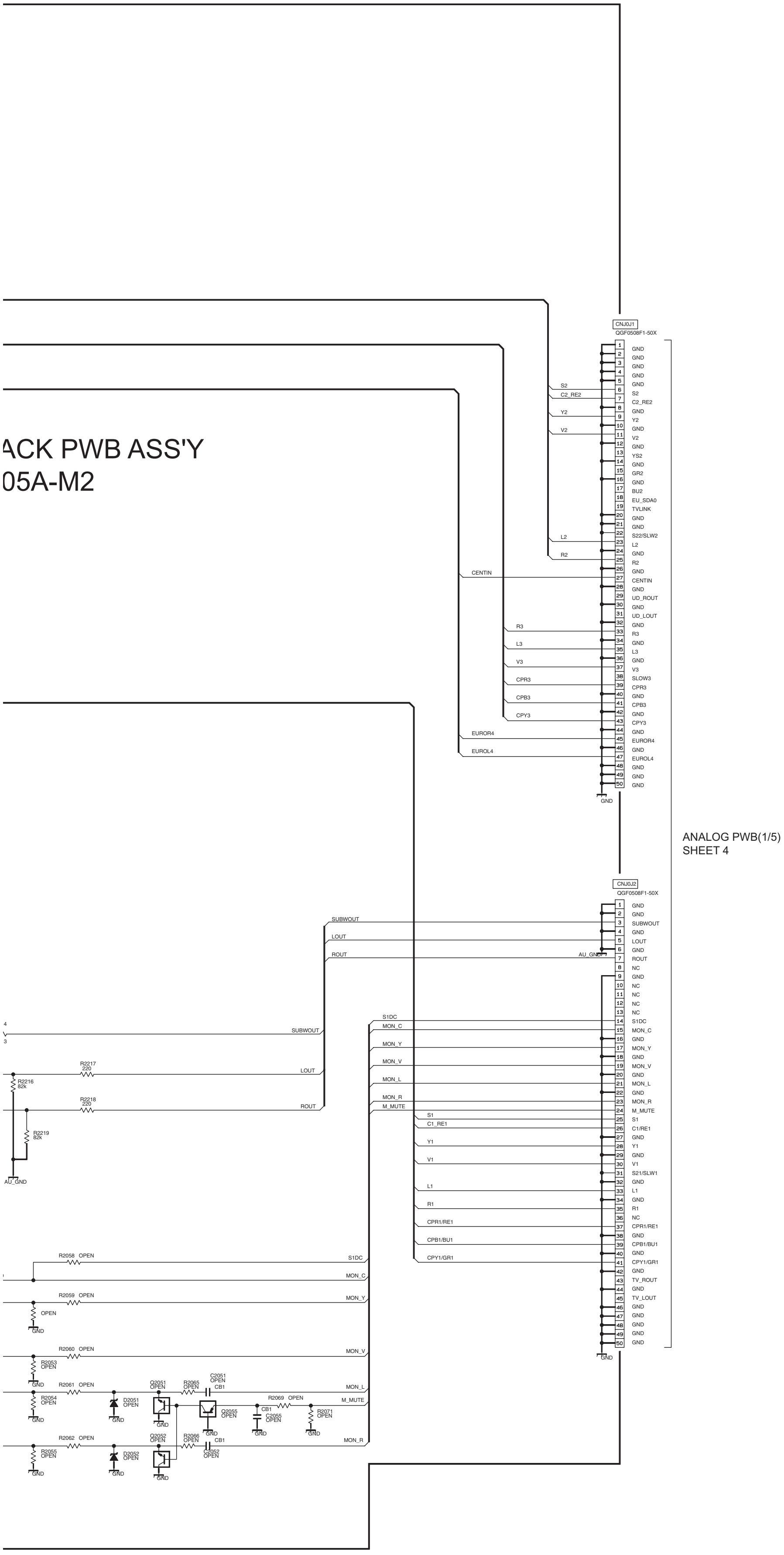
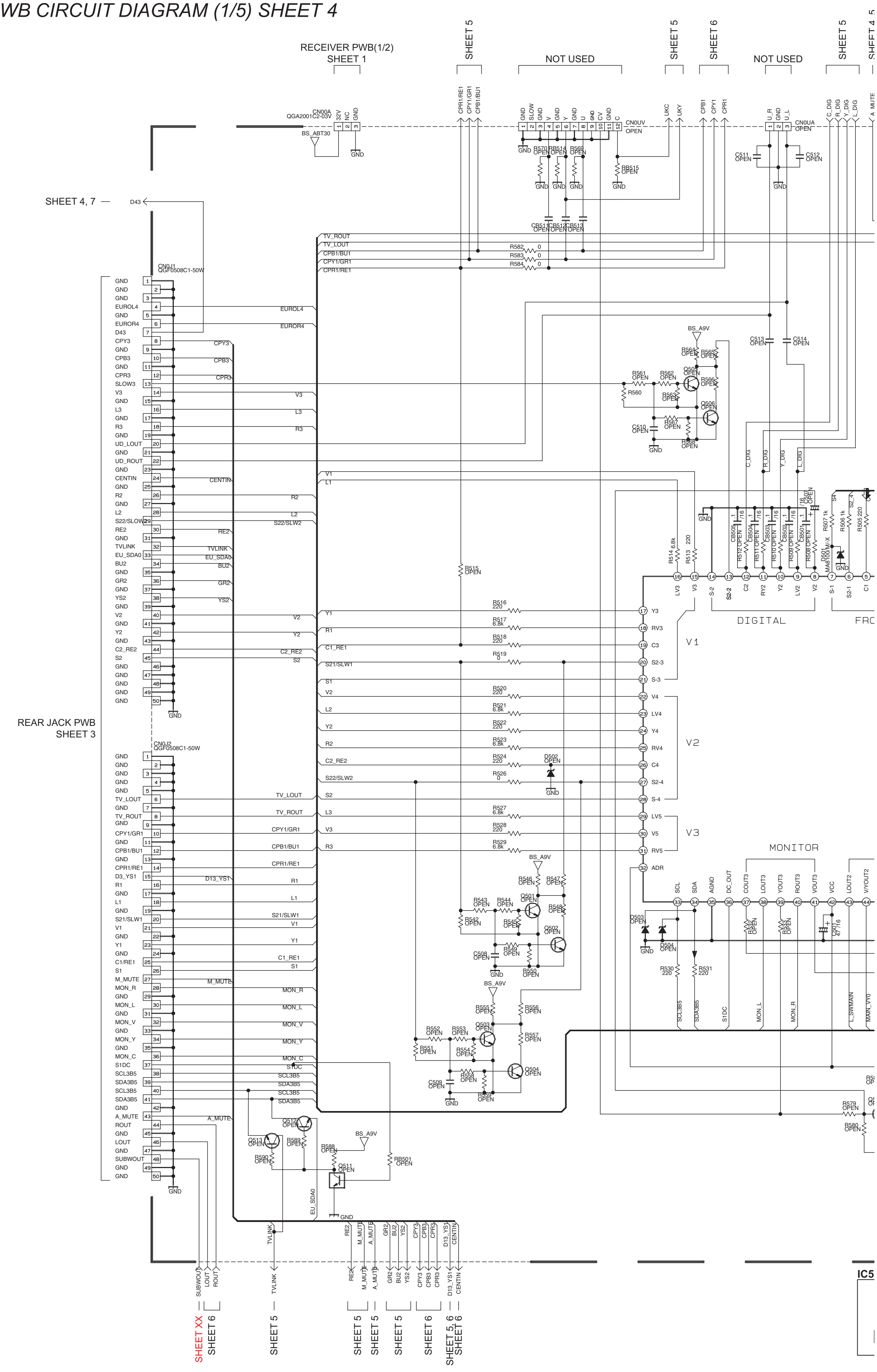
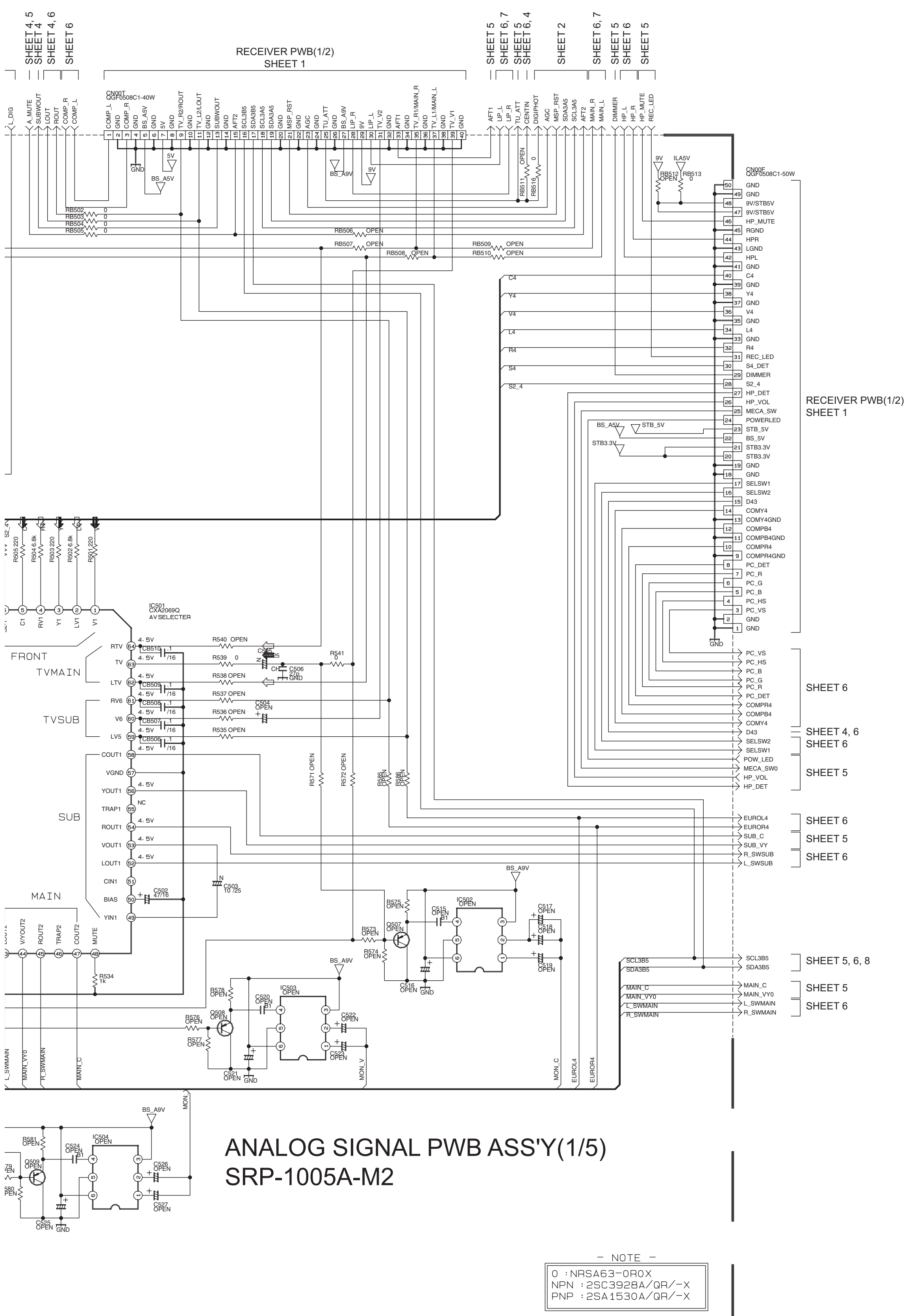


PHOTO SENSOR
IC2081
TPS855
R2081
1M
C2081
10 /50
C2082
0.1 /16
D2081
MA8033-X
C2083
100 /16
GND
CN20PH
QGA2001F2-03V
BS_5V
HDMIPHOT
C2084
1000p
RECEIVER PWB(1/2)
SHEE 1
Y2001 0
Y2002 0
J2001
QNZ0484-001
S
VIDEO
L
R
VIDEO1
J2002
QNN0646-001
Y
Cb
Cr
S1
C1_RE1
Y1
V1
L1
R1
CPY1/GR1
CPB1/BU1
CPR1/RE1
REAR JAC
SRP0J005/
S2
C2_RE2
Y2
V2
L2
R2
VIDEO3
J2003
QNN0644-001
J2004
QNN0641-001
VIDEO2
V3
L3
R3
CPY3
CPB3
CPR3
CENTERIN
DVI-L
DVI-R
CENTIN
EUROL4
EUROR4
J2007
QNN0645-001
SUB WOOFER OUT
LOUT
ROUT
AU_GND
R2212
220
R2214
0
R2213
82k
R2216
82k
J2006
OPEN
ATSC OUT
D2051
OPEN


ACK PWB ASS'Y
05A-M2
ANALOG PWB(1/5)
SHEET 4
CNJ0J1
QGF0508F1-50X
CNJ0J2
QGF0508F1-50X
S2
C2_RE2
Y2
V2
L2
R2
CENTIN
R3
L3
V3
CPR3
CPB3
CPY3
EUROR4
EUROL4
GND
YS2
GR2
BU2
EU_SDA0
TVLINK
S22/SLW2
UD_ROUT
UD_LOUT
SLOW3
SUBWOUT
LOUT
ROUT
AU_GND
NC
S1DC
MON_C
MON_Y
MON_V
MON_L
MON_R
M_MUTE
S1
C1_RE1
Y1
V1
S21/SLW1
L1
R1
CPR1/RE1
CPB1/BU1
CPY1/GR1
TV_ROUT
TV_LOUT
R2217
220
R2218
220
R2216
82k
R2219
82k
R2058 OPEN
R2059 OPEN
R2060 OPEN
R2061 OPEN
R2062 OPEN
R2053 OPEN
R2054 OPEN
R2055 OPEN
D2051 OPEN
D2052 OPEN
Q2051 OPEN
Q2052 OPEN
Q2055 OPEN
R2065 OPEN
R2066 OPEN
C2051 OPEN
C2052 OPEN
C2055 OPEN
CB1
R2069 OPEN
R2071 OPEN
OPEN

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET 4


RECEIVER PWB(1/2)
SHEET 1
SHEET 5
NOT USED
SHEET 5
SHEET 6
NOT USED
SHEET 5
SHEET 4
CN00A
QGA2001C2-03V
32V
NC
GND
BS_ABT30
CPR1/RE1
CPY1/GR1
CPB1/BU1
CN0UV
OPEN
UKC
UKY
CPB1
CPY1
CPR1
CN0UA
OPEN
U_R
U_L
C_DIG
R_DIG
Y_DIG
L_DIG
A_MUTE
SHEET 4, 7
D43
CN0J1
QGF0508C1-50W
REAR JACK PWB
SHEET 3
CN0J2
QGF0508C1-50W
TV_ROUT
TV_LOUT
CPB1/BU1
CPY1/GR1
CPR1/RE1
R582
R583
R584
EUROL4
EUROR4
CPY3
CPB3
CPR3
V3
L3
R3
CENTIN
V1
L1
R2
L2
S22/SLW2
RE2
TVLINK
EU_SDA0
BU2
GR2
YS2
V2
Y2
C2_RE2
S2
Y1
R1
C1_RE1
S21/SLW1
S1
D13_YS1
M_MUTE
MON_R
MON_L
MON_V
MON_Y
MON_C
S1DC
SCL3B5
SDA3B5
A_MUTE
BS_A9V
R515
OPEN
DIGITAL
V1
V2
V3
MONITOR
Y3
RV3
C3
S2-3
S-3
V4
LV4
Y4
RV4
C4
S2-4
S-4
LV5
V5
RV5
ADR
SCL
SDA
AGND
DC_OUT
COUT3
LOUT3
YOUT3
ROUT3
VOUT3
VCC
LOUT2
V/YOUT2
IC5
SUBWOUT
LOUT
ROUT
TVLINK
RE2
M_MUTE
A_MUTE
GR2
BU2
YS2
CPY3
CPB3
CPR3
D13_YS1
CENTIN
SHEET XX
SHEET 6
SHEET 5
SHEET 5
SHEET 5
SHEET 5
SHEET 6
SHEET 5, 6
SHEET 6
GND

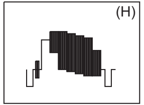

SHEET 4, 5
SHEET 4
SHEET 4, 6
SHEET 6
RECEIVER PWB(1/2)
SHEET 1
SHEET 5
SHEET 6, 7
SHEET 5
SHEET 6, 4
SHEET 2
SHEET 6, 7
SHEET 5
SHEET 6
SHEET 5
CN00T
QGF0508C1-40W
CN00F
QGF0508C1-50W
RECEIVER PWB(1/2)
SHEET 1
IC501
CXA2069Q
AV SELECTER
FRONT
TVMAIN
TVSUB
SUB
MAIN
IC502
OPEN
IC503
OPEN
IC504
OPEN
Q507
Q508
Q509
SHEET 6
SHEET 4, 6
SHEET 6
SHEET 5
SHEET 6
SHEET 5
SHEET 6
SHEET 5, 6, 8
SHEET 5
SHEET 6
- NOTE -
0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

ANALOG SIGNAL PWB ASS'Y(1/5)
SRP-1005A-M2

MODE PIN NO.	DC (V)
IC501	
1	4
2	4.5
3	4
4	4.5
5	4.4
6	0.1
7	4.9
8	4.1
9	4.4
10	4.1
11	4.4
12	4.4
13	6.8
14	0
15	4.3
16	4.4
17	4.3
18	4.4
19	4.4
20	6.7
21	0
22	3.8
23	4.4
24	4
25	4.5
26	4.4
27	6.7
28	0
29	4.4
30	4
31	4.5
32	9
33	4.8
34	4.8
35	0
36	0
37	4.4
38	4.4
39	3.7
40	4.4
41	4.4
42	9
43	4.5
44	4.3
45	4.5
46	3.7
47	0
48	0
49	4.9
50	4.4
5	0
52	4.5
53	4.4
54	4.5
55	3.7
56	4
57	0
58	4.2
59	4.4
60	4
61	4.4
62	4.4
63	4.4

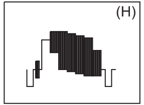
MODE PIN NO.	DC (V)
64	4.4
IC502	
1	3.1
2	3.2
3	0
4	2.7
5	0
6	9
IC503	
1	3
2	3
3	9
4	2.7
5	0
6	9
Q501	
E	0
C	6.7
B	0
Q502	
E	0
C	6.7
B	0
Q503	
E	0
C	6.8
B	0
Q504	
E	0
C	6.8
B	0
Q505	
E	0
C	6.8
B	0
Q506	
E	0
C	6.8
B	0
Q507	
E	1.2
C	0
B	0.6
Q508	
E	2.8
C	0
B	2.2
Q509	
E	0
C	0
B	0.4
Q511	
E	0
C	6.5
B	0
Q512	
E	4.8
C	4.9
B	5.4
Q513	
E	4.7
C	4.9
B	5.4

IC501-41



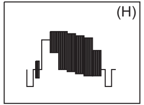
1.0 Vp-p

IC501-44



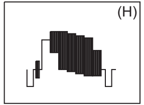
1.7 Vp-p

IC501-49



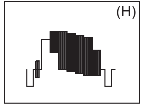
2.1 Vp-p

IC501-53



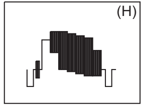
2.2 Vp-p

IC501-56



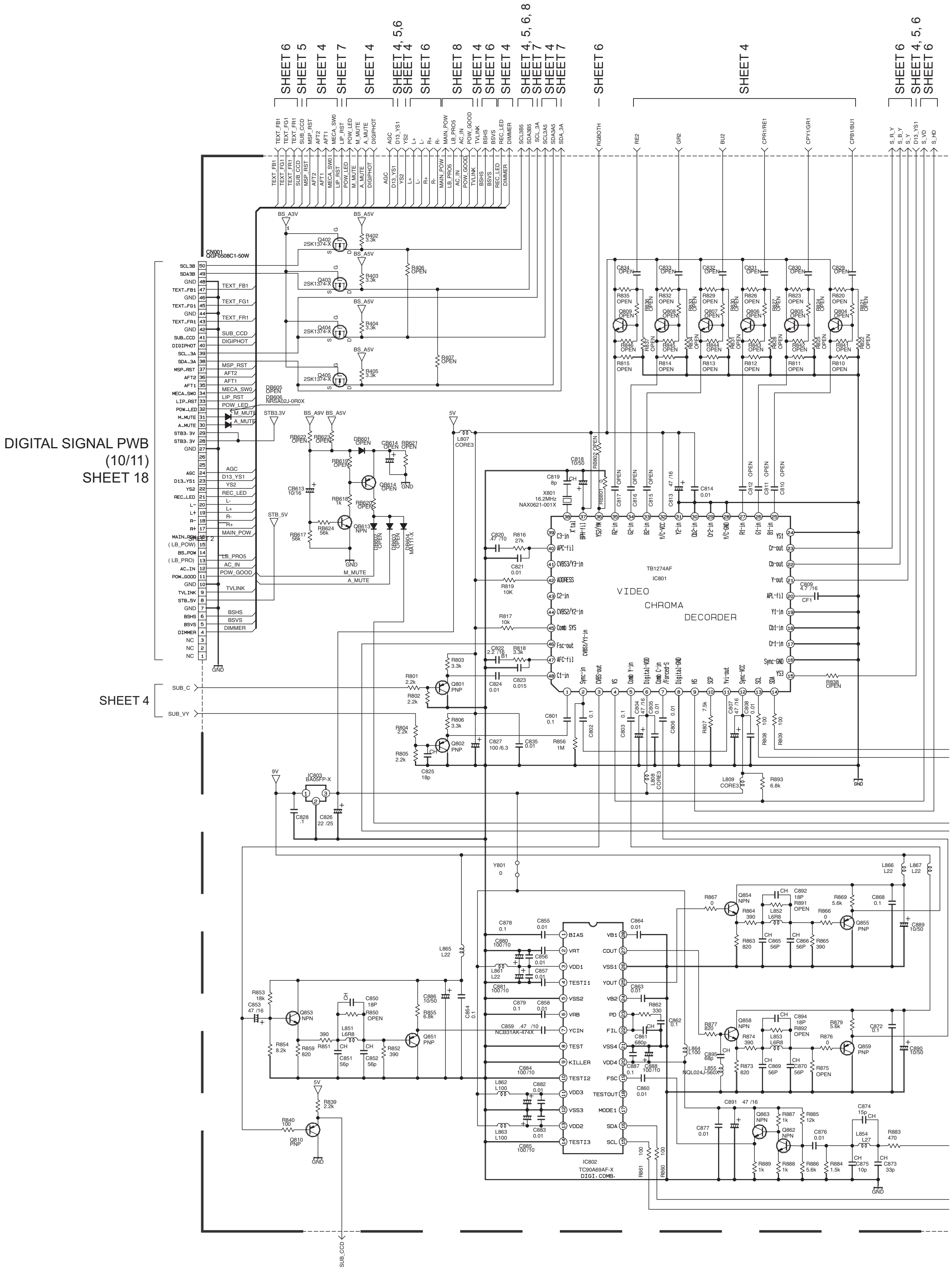
1.8 Vp-p

IC501-63



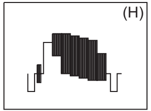
1.8 Vp-p

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET 5


SHEET 6
SHEET 5
SHEET 4
SHEET 7
SHEET 4
SHEET 4, 5,6
SHEET 4
SHEET 6
SHEET 8
SHEET 4
SHEET 6
SHEET 4
SHEET 4, 5, 6, 8
SHEET 7
SHEET 4
SHEET 7
SHEET 6
SHEET 4
SHEET 6
SHEET 4, 5, 6
SHEET 6
DIGITAL SIGNAL PWB
(10/11)
SHEET 18
SHEET 4
SUB_C
SUB_VY
CN001
QGF0508C1-50W
TB1274AF
IC801
VIDEO
CHROMA
DECORDER
IC802
TC90A69AF-X
DIGI.COMB.
IC803
BA05FP-X
X801
16.2MHz
NAX0621-001X
Q402 2SK1374-X
Q403 2SK1374-X
Q404 2SK1374-X
Q405 2SK1374-X
BS_A3V
BS_A5V
BS_A9V
STB3.3V
STB_5V
5V
9V
SUB_CCD
GND

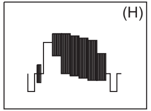
SHEET 4, 6,

IC801-1



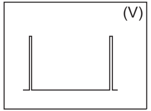
1.0 Vp-p

IC801-3



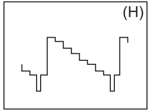
2.1 Vp-p

IC801-4



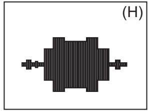
4.8 Vp-p

IC801-5



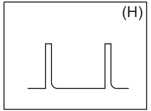
0.8 Vp-p

IC801-7



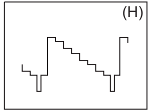
0.7 Vp-p

IC801-9



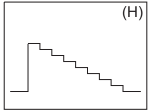
4.2 Vp-p

IC801-11



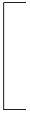
0.8 Vp-p

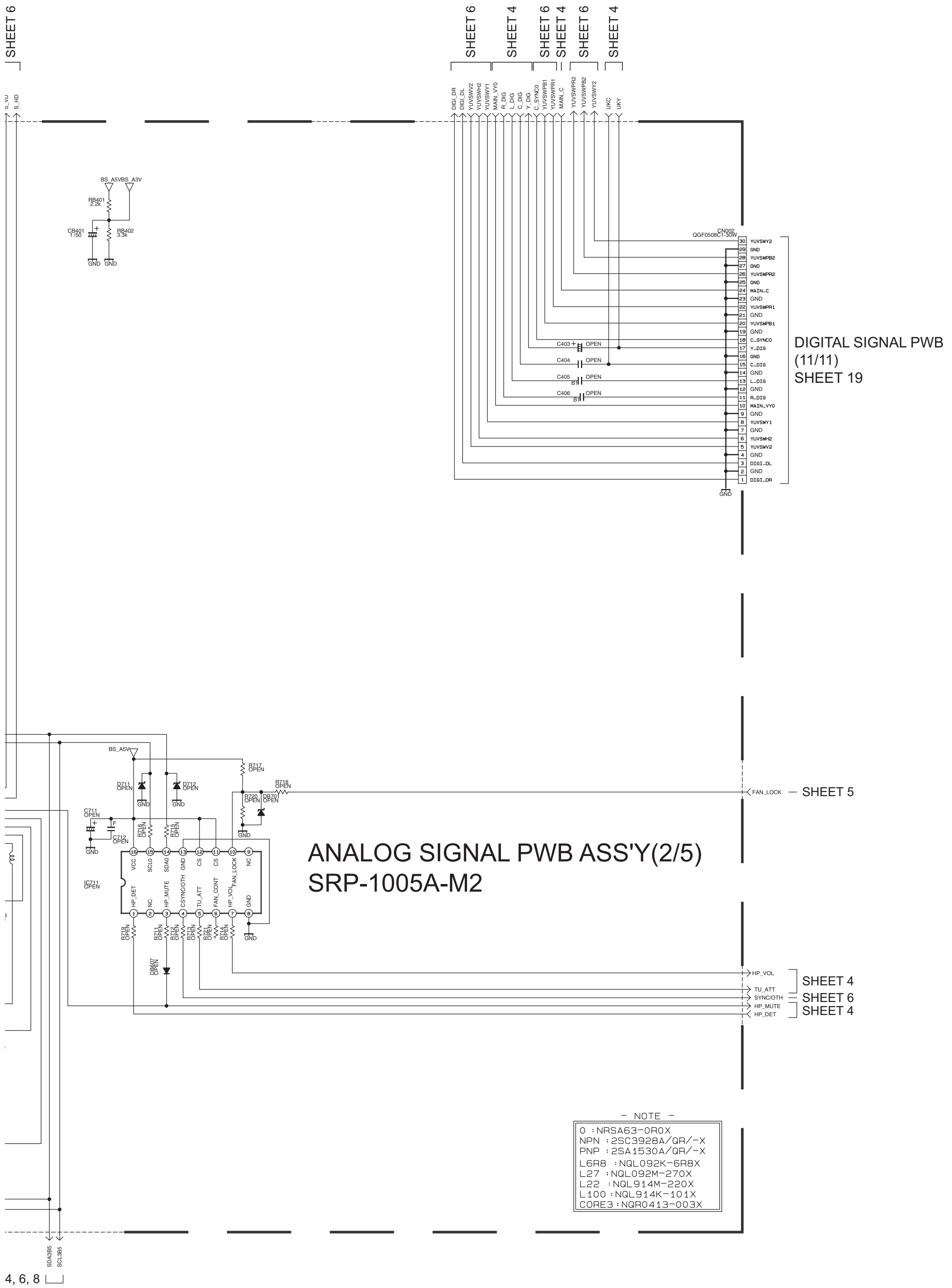
IC801-21



0.7 Vp-p

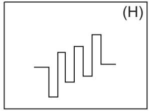
IC8




SHEET 6
SHEET 6
SHEET 4
SHEET 6
SHEET 4
SHEET 6
SHEET 4
S_VD
S_HD
DIGI_DR
DIGI_DL
YUVSWV2
YUVSWH2
YUVSWY1
MAIN_VY0
R_DIG
L_DIG
C_DIG
Y_DIG
C_SYNC0
YUVSWPB1
YUVSWPR1
MAIN_C
YUVSWPR2
YUVSWPB2
YUVSWY2
UKC
UKY
BS_A5V
BS_A3V
RB401 2.2k
CB401 1/50
RB402 3.3k
GND
CN002 QGF0508C1-30W
C403 OPEN
C404 OPEN
C405 OPEN
C406 OPEN
DIGITAL SIGNAL PWB (11/11) SHEET 19
R717 OPEN
R718 OPEN
D711 OPEN
D712 OPEN
R720 OPEN
DB707 OPEN
C711 OPEN
C712 OPEN
IC711 OPEN
VCC
SCL0
SDA0
CS
FAN_LOCK
NC
HP_DET
HP_MUTE
CSYNC/OTH
TU_ATT
FAN_CONT
HP_VOL
FAN_LOCK
SHEET 5
ANALOG SIGNAL PWB ASS'Y(2/5)
SRP-1005A-M2
HP_VOL
TU_ATT
SYNC/OTH
HP_MUTE
HP_DET
SHEET 4
SHEET 6
SHEET 4
- NOTE -
0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X
L6R8 :NQL092K-6R8X
L27 :NQL092M-270X
L22 :NQL914M-220X
L100 :NQL914K-101X
CORE3 :NQR0413-003X
SDA3B5
SCL3B5
4, 6, 8

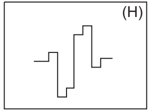
MODE PIN NO.	DC (V)
IC711	
1	0
2	2.4
3	4.6
4	0.3
5	0.3
6	4.6
7	0.3
8	0
9	2.4
10	0
11	5
12	4.9
13	0
14	4.9
15	4.8
16	4.9
IC801	
1	2.3
2	2
3	1.5
4	0.1
5	2.2
6	4.8
7	2.4
8	0
9	0.3
10	0.8
11	2.3
12	4.8
13	4.8
14	4.8
15	0
16	0
17	0
18	0
19	0
20	2.3
21	1.5
22	1.7
23	1.7
24	0
25	2.4
26	2.4
27	2.4
28	0
29	0
30	0
31	0
32	4.8
33	2.4
34	2.4
35	2.4
36	0.5
37	4.8
38	3.8
39	1.6
40	3.2
41	2.2
42	4.4
43	1.6
44	2.2
45	4.8
46	1.8
47	3.6
48	1.7
IC802	
1	1.3
2	3
3	4.8
4	2.4
5	0
6	1.8
7	2.2
8	0
9	0
10	0
11	4.7
12	0
13	4.8
14	0
15	4.9
16	4.8
17	0
18	0
19	2.4
20	4.8
21	0
22	2.6
23	2.6
24	3.3
25	3.3
26	0
27	3.5
28	1.6
Q402	
S	3
D	3.1
G	4.9
Q403	
S	2.9
D	3.1
G	4.8
Q404	
S	3
D	3.2
G	4.8
Q405	
S	3
D	3.2
G	4.9
Q801	
E	2.7
C	0
B	2.1
Q802	
E	2.6
C	0
B	2
Q810	
E	2
C	0
B	1.4
Q851	
E	1.6
C	0
B	1
Q853	
E	2
C	8.9
B	2.6
Q854	
E	2.6
C	8.9
B	3.3
Q855	
E	1.9
C	0
B	1.3
Q858	
E	2.9
C	9
B	3.5
Q859	
E	3.5
C	0
B	2.9
Q862	
E	0.9
C	3.9
B	1.5
Q863	
E	3.2
C	4.8
B	3.9
Q8514	
E	4.8
C	4.2
B	0

IC801-22



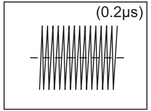
0.5 Vp-p

IC801-23



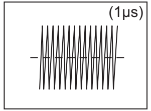
0.5 Vp-p

IC801-38



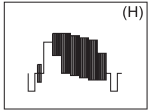
0.3 Vp-p

IC801-46



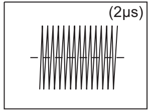
0.8 Vp-p

IC802-7



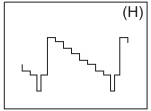
1.0 Vp-p

IC802-19



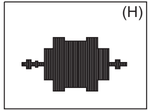
0.5 Vp-p

IC802-25



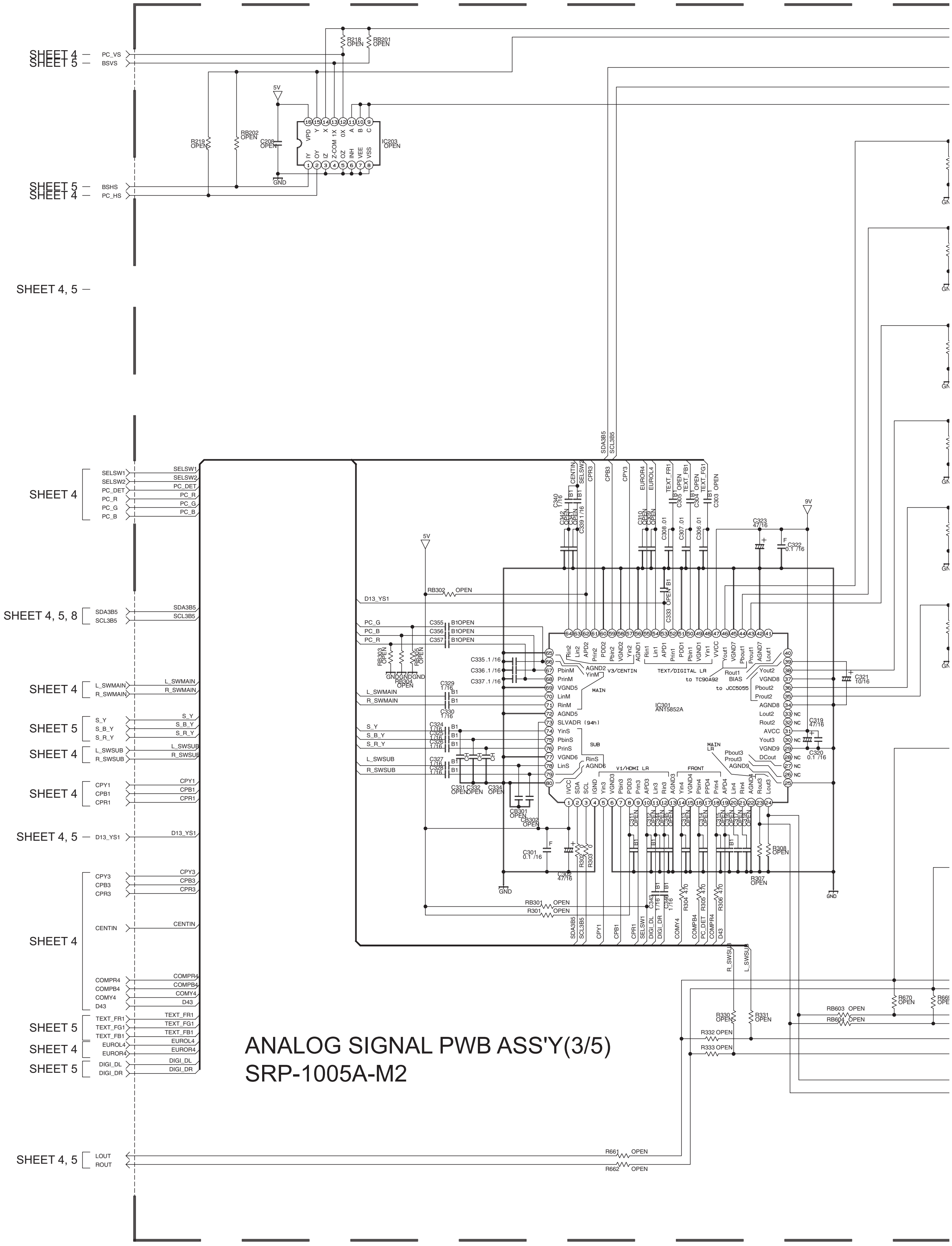
1.7 Vp-p

IC802-27

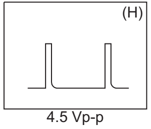


1.1 Vp-p

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (3/5) SHEET 6

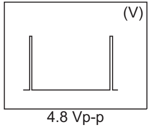

SHEET 4 — PC_VS
SHEET 5 — BSVS
SHEET 5 — BSHS
SHEET 4 — PC_HS
SHEET 4, 5 —
R218 OPEN
RB201 OPEN
R219 OPEN
RB202 OPEN
C208 OPEN
5V
GND
IC203 OPEN
VPD Y X Z-COM 1X 0X A B C
1Y 0Y 1Z 0Z INH VEE VSS
SHEET 4
SELSW1
SELSW2
PC_DET
PC_R
PC_G
PC_B
SHEET 4, 5, 8
SDA3B5
SCL3B5
SHEET 4
L_SWMAIN
R_SWMAIN
SHEET 5
S_Y
S_B_Y
S_R_Y
SHEET 4
L_SWSUB
R_SWSUB
SHEET 4
CPY1
CPB1
CPR1
SHEET 4, 5
D13_YS1
SHEET 4
CPY3
CPB3
CPR3
CENTIN
COMPR4
COMPB4
COMY4
D43
SHEET 5
TEXT_FR1
TEXT_FG1
TEXT_FB1
SHEET 4
EUROL4
EUROR4
SHEET 5
DIGI_DL
DIGI_DR
SHEET 4, 5
LOUT
ROUT
R661 OPEN
R662 OPEN
IC301
AN15852A
MAIN
SUB
V3/CENTIN
TEXT/DIGITAL LR
to TC90A92
to JCC5055
V1/HDMI LR
FRONT
MAIN LR
9V
5V
GND
RB302 OPEN
RB301 OPEN
R301 OPEN
R307 OPEN
R308 OPEN
R330 OPEN
R331 OPEN
R332 OPEN
R333 OPEN
RB603 OPEN
RB604 OPEN
R670 OPEN
C323 47/16
C322 0.1/16
C321 10/16
C319 47/16
C320 0.1/16
C301 0.1/16
C302 47/16
ANALOG SIGNAL PWB ASS'Y(3/5)
SRP-1005A-M2

IC201-1



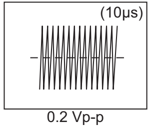
4.5 Vp-p

IC201-2



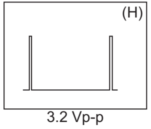
4.8 Vp-p

IC201-9



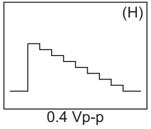
0.2 Vp-p

IC201-19



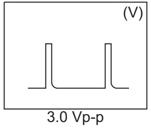
3.2 Vp-p

IC201-26



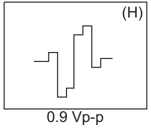
0.4 Vp-p

IC201-29



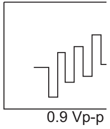
3.0 Vp-p

IC301-35

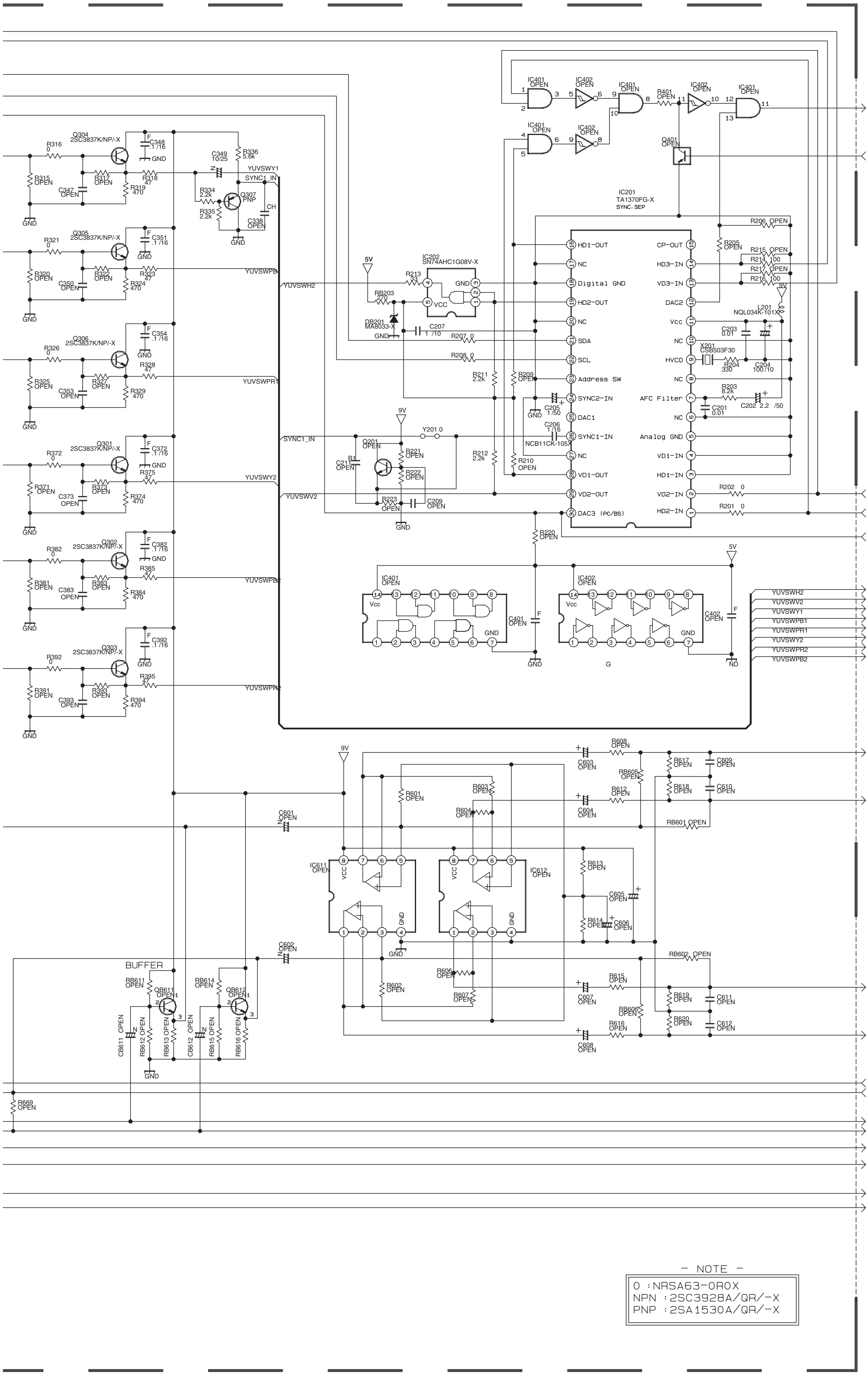


0.9 Vp-p

IC301-36



0.9 Vp-p

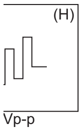


IC401 OPEN
IC402 OPEN
R401 OPEN
Q401 OPEN
C_SYNC0
SYNC/OTH
SHEET 5
IC201
TA1370FG-X
SYNC. SEP
IC202
SN74AHC1G08V-X
HD1-OUT
NC
Digital GND
HD2-OUT
SDA
SCL
Address SW
SYNC2-IN
DAC1
SYNC1-IN
VD1-OUT
VD2-OUT
DAC3 (PC/BS)
CP-OUT
HD3-IN
VD3-IN
DAC2
Vcc
HVCO
AFC Filter
Analog GND
VD1-IN
HD1-IN
VD2-IN
HD2-IN
X201 CSB503F30
L201 NQL034K-101X
Y201 0
NCB11CK-105X
DB201 MA8033-X
Q201 OPEN
S_VD
S_HD
RGBOTH
Q304 2SC3837K/NP/-X
Q305 2SC3837K/NP/-X
Q306 2SC3837K/NP/-X
Q301 2SC3837K/NP/-X
Q302 2SC3837K/NP/-X
Q303 2SC3837K/NP/-X
Q307 PNP
YUVSWY1
SYNC1_IN
YUVSWPB1
YUVSWH2
YUVSWPR1
YUVSWY2
YUVSWV2
YUVSWPB2
YUVSWPR2
YUVSWPR1
YUVSWV2
YUVSWH2
5V
9V
GND
L+
L-
R-
R+
IC611 OPEN
IC612 OPEN
BUFFER
QB611 OPEN
QB612 OPEN
LIP_L
LIP_R
MAIN_L
MAIN_R
HP_L
HP_R
COMP_L
COMP_R
SHEET 4, 7
SHEET 4

- NOTE -

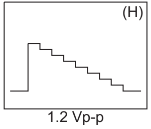
0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

MODE PIN NO.	DC (V)
IC201	
1	0.3
2	0.1
3	0
4	0
5	0
6	0
7	6.2
8	0
9	4.8
10	0
11	8.8
12	1.3
13	0
14	0
15	0
16	0
17	0
18	0
19	0.5
20	0
21	4.9
22	4.9
23	0
24	2.1
25	1.2
26	2.1
27	0
28	2.4
29	0.1
30	0.5
IC202	
1	0.5
2	0.5
3	0
4	0.2
5	0
IC301	
1	4.8
2	4.9
3	4.9
4	0
5	4.7
6	0
7	4.6
8	4.7
9	4.7
10	0.4
11	4.5
12	4.4
13	0
14	4.6
15	0
16	4.7
17	4.7
18	4.7
19	0
20	4.5
21	4.4
22	0
23	4.4
24	4.5
25	0
26	4.4
27	4.4
28	0
29	0
30	4.4
31	9
32	4.5
33	4.5
34	0
35	4.5
36	4.5
37	0
38	4.5
39	4.5
40	4.5
41	4.5
42	0
43	4.5
44	4.5
45	0
46	4.5
47	8.9
48	4.7
49	0
50	4.7
51	0
52	4.7
53	0
54	4.4
55	4.4
56	0
57	4.6
58	0
59	4.7
60	0
61	4.7
62	0.4
63	4.4
64	4.5
65	0
66	4.6
67	4.7
68	4.6
69	0
70	4.4
71	4.3
72	0
73	4.8
74	4.7
75	4.6
76	4.6
77	0
78	4.4
79	4.5
80	0
Q307	
E	2.9
C	0
B	2.3



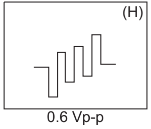
Vp-p

IC301-38



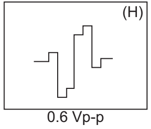
1.2 Vp-p

IC301-43



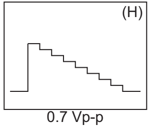
0.6 Vp-p

IC301-44



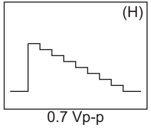
0.6 Vp-p

IC301-46



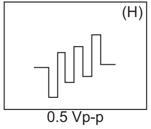
0.7 Vp-p

IC301-74



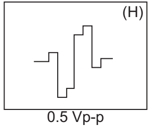
0.7 Vp-p

IC301-75

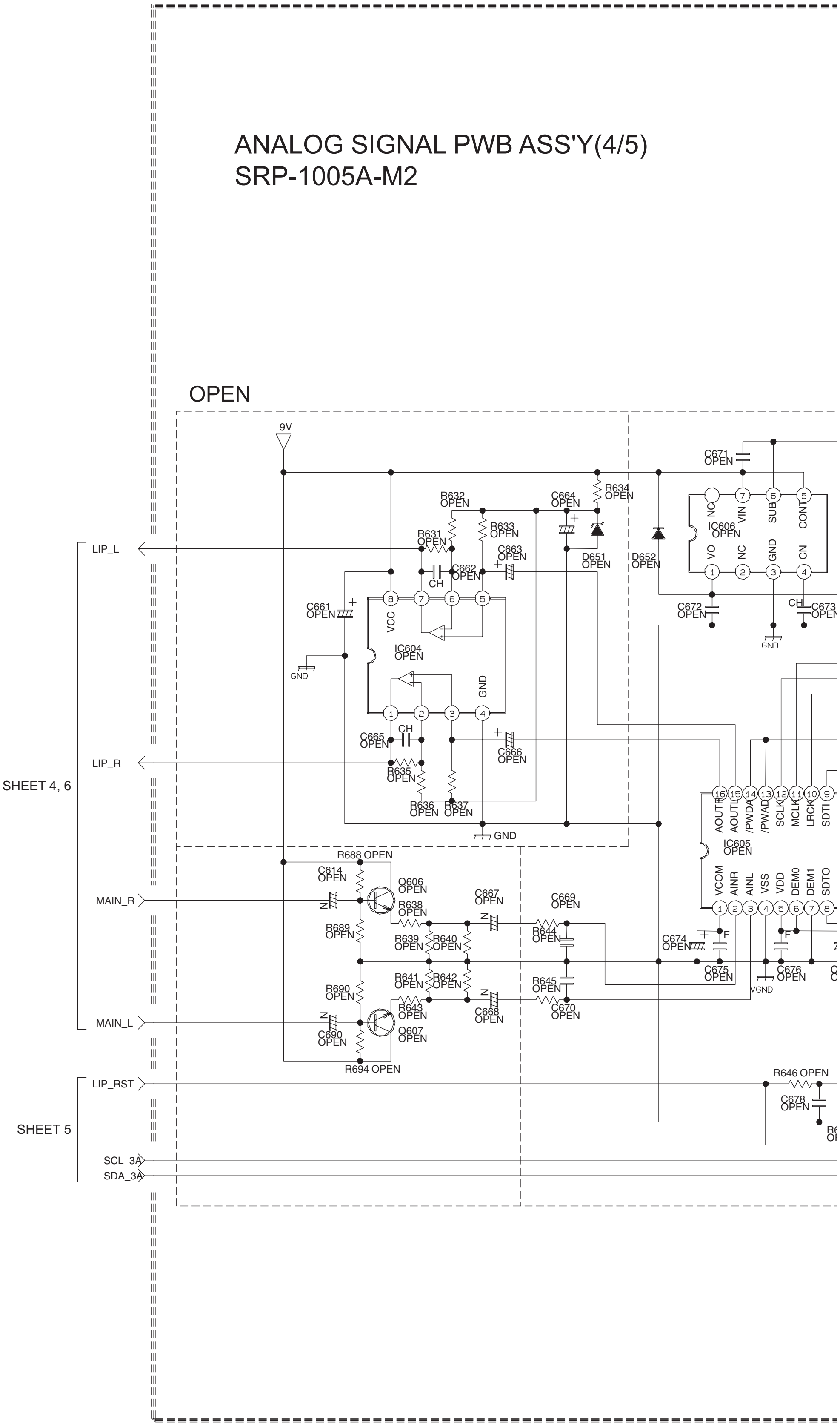


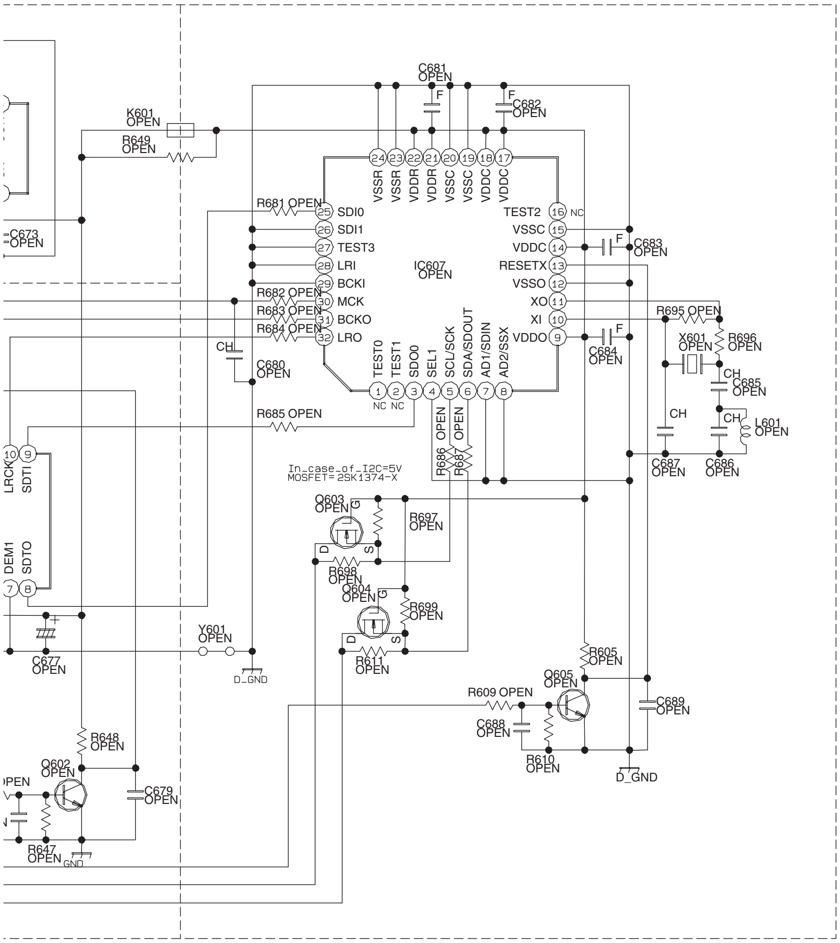
0.5 Vp-p

IC301-76



0.5 Vp-p


ANALOG SIGNAL PWB ASS'Y(4/5)
SRP-1005A-M2
OPEN
9V
LIP_L
LIP_R
SHEET 4, 6
MAIN_R
MAIN_L
LIP_RST
SHEET 5
SCL_3A
SDA_3A
R632 OPEN
R633 OPEN
R631 OPEN
C664 OPEN
R634 OPEN
C663 OPEN
C662 OPEN
CH
C661 OPEN
D651 OPEN
D652 OPEN
VCC
IC604 OPEN
GND
C665 OPEN
C666 OPEN
R635 OPEN
R636 OPEN
R637 OPEN
C671 OPEN
NC
VIN
SUB
CONT
IC606 OPEN
VO
CN
C672 OPEN
C673 OPEN
AOUTR
AOUTL
/PWDA
/PWAD
SCLK
MCLK
LRCK
SDTI
IC605 OPEN
VCOM
AINR
AINL
VSS
VDD
DEM0
DEM1
SDTO
R688 OPEN
C614 OPEN
Q606 OPEN
R638 OPEN
C667 OPEN
C669 OPEN
R689 OPEN
R639 OPEN
R640 OPEN
R644 OPEN
C674 OPEN
C675 OPEN
C676 OPEN
VGND
R690 OPEN
R641 OPEN
R642 OPEN
R643 OPEN
R645 OPEN
C668 OPEN
C670 OPEN
C690 OPEN
Q607 OPEN
R694 OPEN
R646 OPEN
C678 OPEN
F

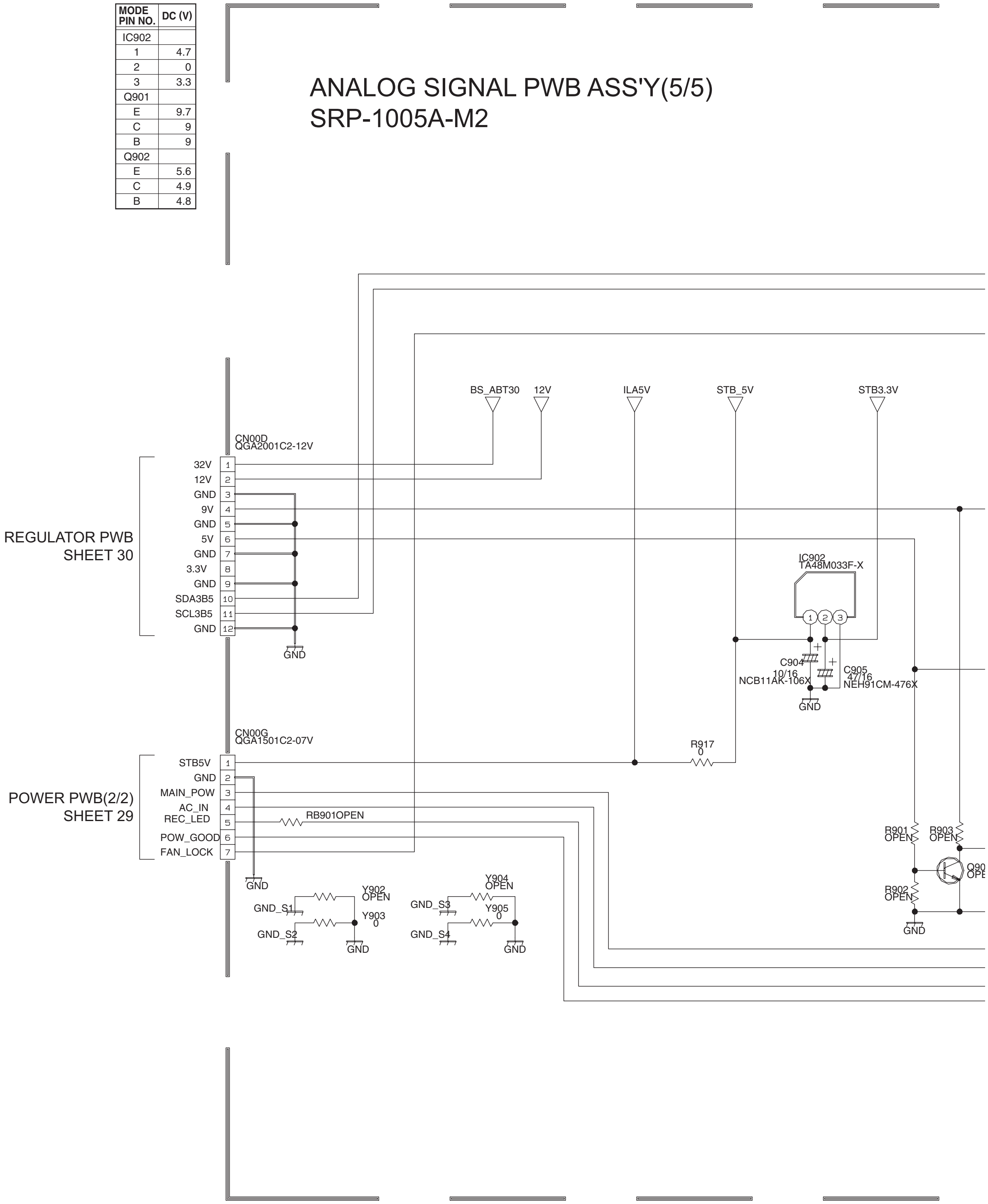


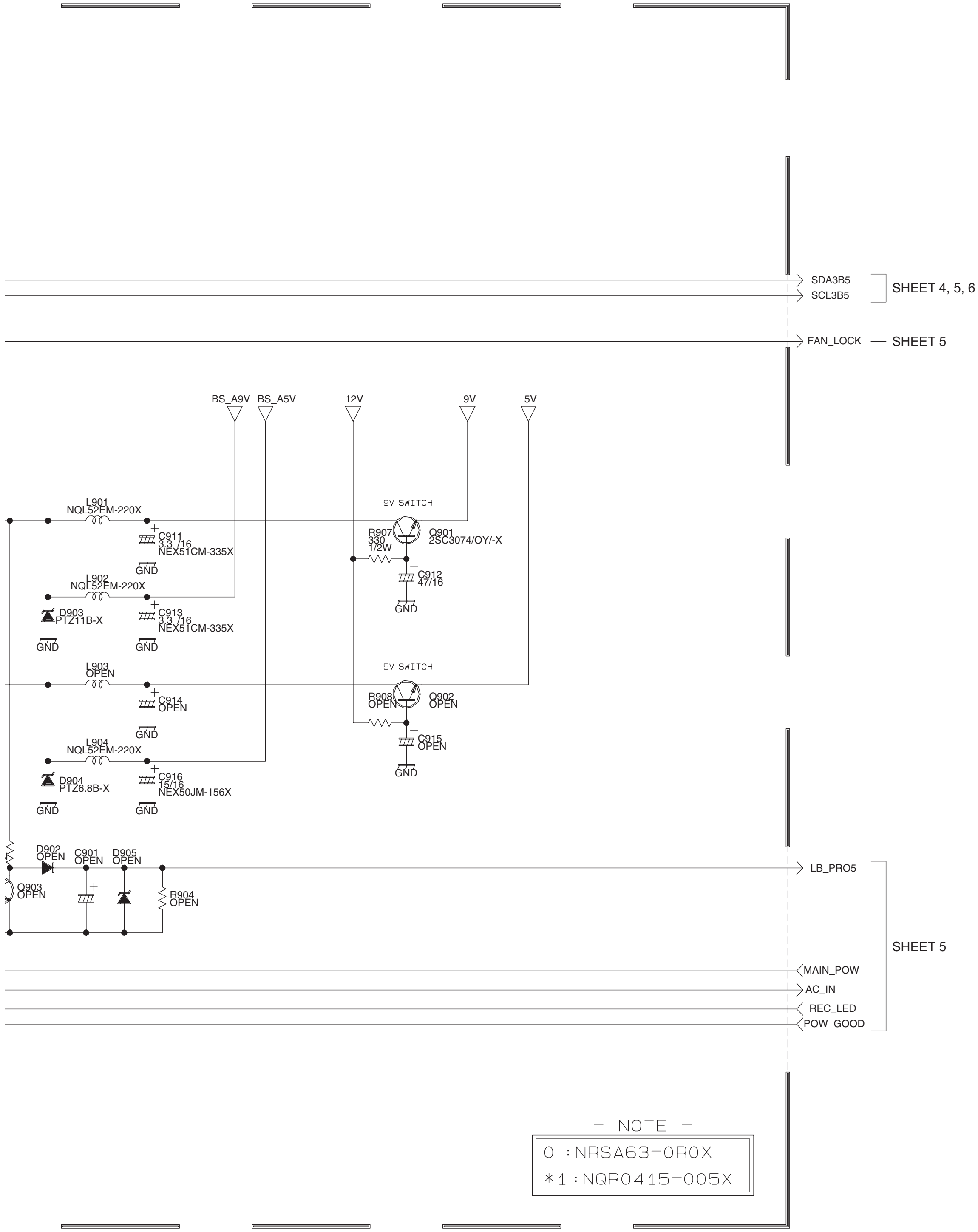
C681
OPEN
F
C682
OPEN
K601
OPEN
R649
OPEN
VSSR
VSSR
VDDR
VDDR
VSSC
VSSC
VDDC
VDDC
24
23
22
21
20
19
18
17
R681 OPEN
25 SDI0
26 SDI1
27 TEST3
28 LRI
29 BCKI
30 MCK
31 BCKO
32 LRO
R682 OPEN
R683 OPEN
R684 OPEN
C673
OPEN
IC607
OPEN
TEST2 16 NC
VSSC 15
VDDC 14
RESETX 13
VSSO 12
XO 11
XI 10
VDDO 9
C683
OPEN
C684
OPEN
R695 OPEN
X601
OPEN
R696
OPEN
CH
C685
OPEN
L601
OPEN
C687
OPEN
C686
OPEN
CH
C680
OPEN
TEST0
TEST1
SDO0
SEL1
SCL/SCK
SDA/SDOUT
AD1/SDIN
AD2/SSX
1 2 3 4 5 6 7 8
NC NC
R685 OPEN
R686 OPEN
R687 OPEN
10 9
LRCK
SDTI
DEM1
SDTO
7 8
In_case_of_I2C=5V
MOSFET=2SK1374-X
Q603
OPEN
G
D
S
R697
OPEN
R698
OPEN
Q604
OPEN
R699
OPEN
R611
OPEN
C677
OPEN
Y601
OPEN
D_GND
R605
OPEN
Q605
OPEN
R609 OPEN
C688
OPEN
R610
OPEN
C689
OPEN
D_GND
R648
OPEN
Q602
OPEN
C679
OPEN
R647
OPEN
GND
OPEN

- NOTE -

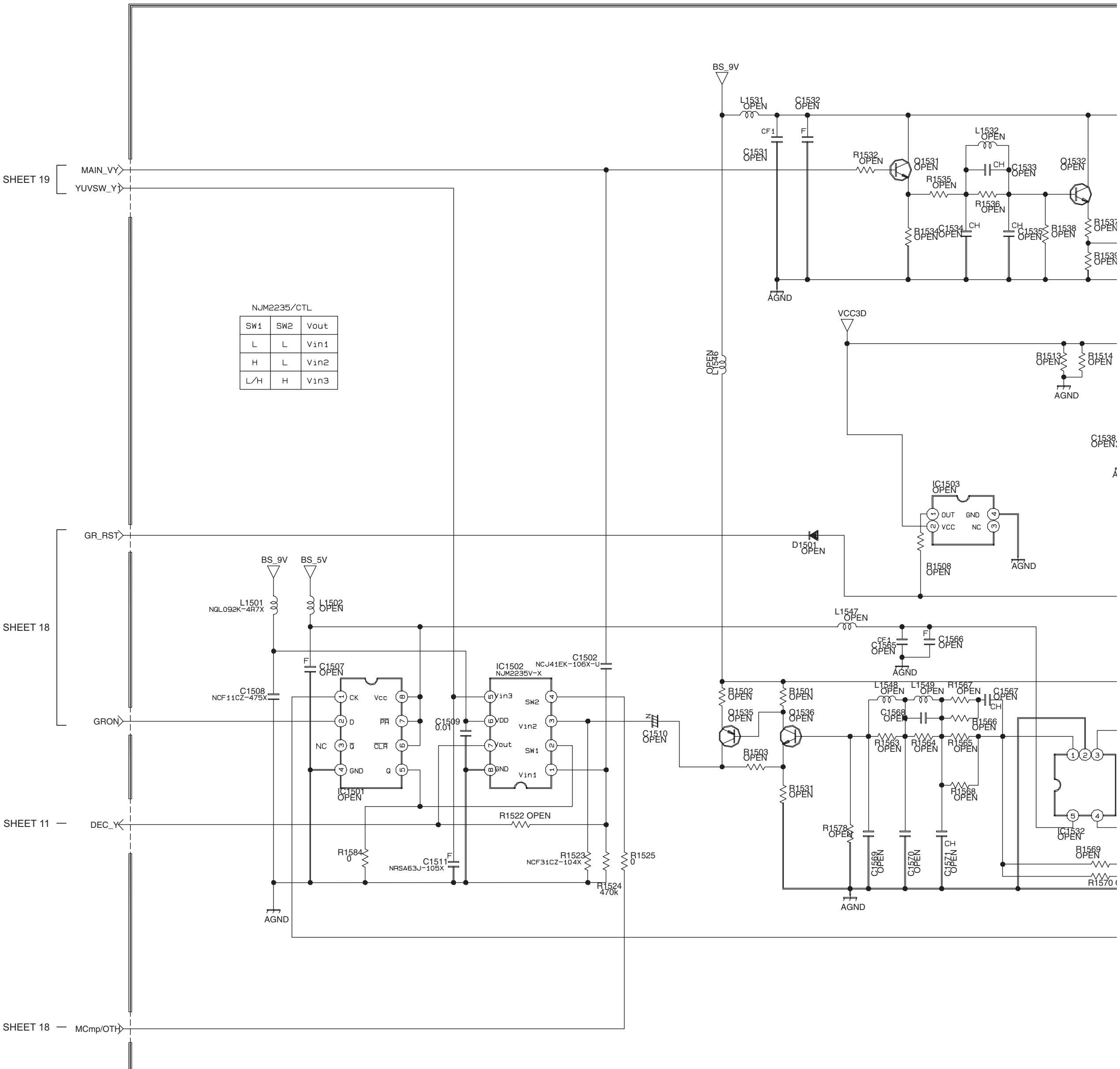
```
0  :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X
```

MODE PIN NO.	DC (V)
IC902	
1	4.7
2	0
3	3.3
Q901	
E	9.7
C	9
B	9
Q902	
E	5.6
C	4.9
B	4.8


ANALOG SIGNAL PWB ASS'Y(5/5)
SRP-1005A-M2
BS_ABT30
12V
ILA5V
STB_5V
STB3.3V
CN00D
QGA2001C2-12V
REGULATOR PWB
SHEET 30
32V
12V
GND
9V
GND
5V
GND
3.3V
GND
SDA3B5
SCL3B5
GND
1
2
3
4
5
6
7
8
9
10
11
12
GND
IC902
TA48M033F-X
1
2
3
C904
10/16
NCB11AK-106X
C905
47/16
NEH91CM-476X
GND
CN00G
QGA1501C2-07V
POWER PWB(2/2)
SHEET 29
STB5V
GND
MAIN_POW
AC_IN
REC_LED
POW_GOOD
FAN_LOCK
1
2
3
4
5
6
7
R917
0
RB901OPEN
R901
OPEN
R903
OPEN
Q90
OPE
R902
OPEN
GND
GND
GND_S1
GND_S2
Y902
OPEN
Y903
0
GND
GND_S3
GND_S4
Y904
OPEN
Y905
0
GND


SDA3B5
SCL3B5
SHEET 4, 5, 6
FAN_LOCK
SHEET 5
BS_A9V
BS_A5V
12V
9V
5V
L901
NQL52EM-220X
C911
3.3 /16
NEX51CM-335X
GND
9V SWITCH
R907
330
1/2W
Q901
2SC3074/OY/-X
C912
47/16
GND
L902
NQL52EM-220X
C913
3.3 /16
NEX51CM-335X
D903
PTZ11B-X
GND
GND
L903
OPEN
C914
OPEN
GND
5V SWITCH
R908
OPEN
Q902
OPEN
C915
OPEN
GND
L904
NQL52EM-220X
C916
15/16
NEX50JM-156X
D904
PTZ6.8B-X
GND
GND
D902
OPEN
C901
OPEN
D905
OPEN
Q903
OPEN
R904
OPEN
LB_PRO5
SHEET 5
MAIN_POW
AC_IN
REC_LED
POW_GOOD
- NOTE -
0 :NRSA63-0R0X
*1 :NQR0415-005X

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (1/11) SHEET 9



SHEET 19
MAIN_VY
YUVSW_Y
SHEET 18
GR_RST
GRON
SHEET 11
DEC_Y
SHEET 18
MCmp/OTH
BS_9V
L1531 OPEN
C1532 OPEN
CF1
F
C1531 OPEN
AGND
L1532 OPEN
R1532 OPEN
Q1531 OPEN
C1533 OPEN
CH
Q1532 OPEN
R1535 OPEN
R1536 OPEN
R1534 OPEN
C1534 OPEN
C1535 OPEN
R1538 OPEN
R1537 OPEN
R1539 OPEN
VCC3D
L1546 OPEN
R1513 OPEN
R1514 OPEN
C1538 OPEN
IC1503 OPEN
OUT
VCC
GND
NC
D1501 OPEN
R1508 OPEN
BS_9V
BS_5V
L1501 NQL092K-4R7X
L1502 OPEN
L1547 OPEN
C1565 OPEN
C1566 OPEN
C1507 OPEN
C1508 NCF11CZ-475X
IC1501 OPEN
CK
D
Q
GND
Vcc
PR
CLR
NC
C1509 0.01
IC1502 NJM2235V-X
C1502 NCJ41EK-106X-U
Vin3
VDD
Vout
GND
SW2
Vin2
SW1
Vin1
C1510 OPEN
R1502 OPEN
R1501 OPEN
Q1535 OPEN
Q1536 OPEN
R1503 OPEN
R1531 OPEN
L1548 OPEN
L1549 OPEN
R1567 OPEN
C1567 OPEN
C1568 OPEN
R1566 OPEN
R1563 OPEN
R1564 OPEN
R1565 OPEN
R1568 OPEN
R1578 OPEN
C1569 OPEN
C1570 OPEN
C1571 OPEN
IC1532 OPEN
R1569 OPEN
R1570
R1522 OPEN
R1584 0
C1511 NRSA63J-105X
R1523 NCF31CZ-104X
R1524 470k
R1525 0

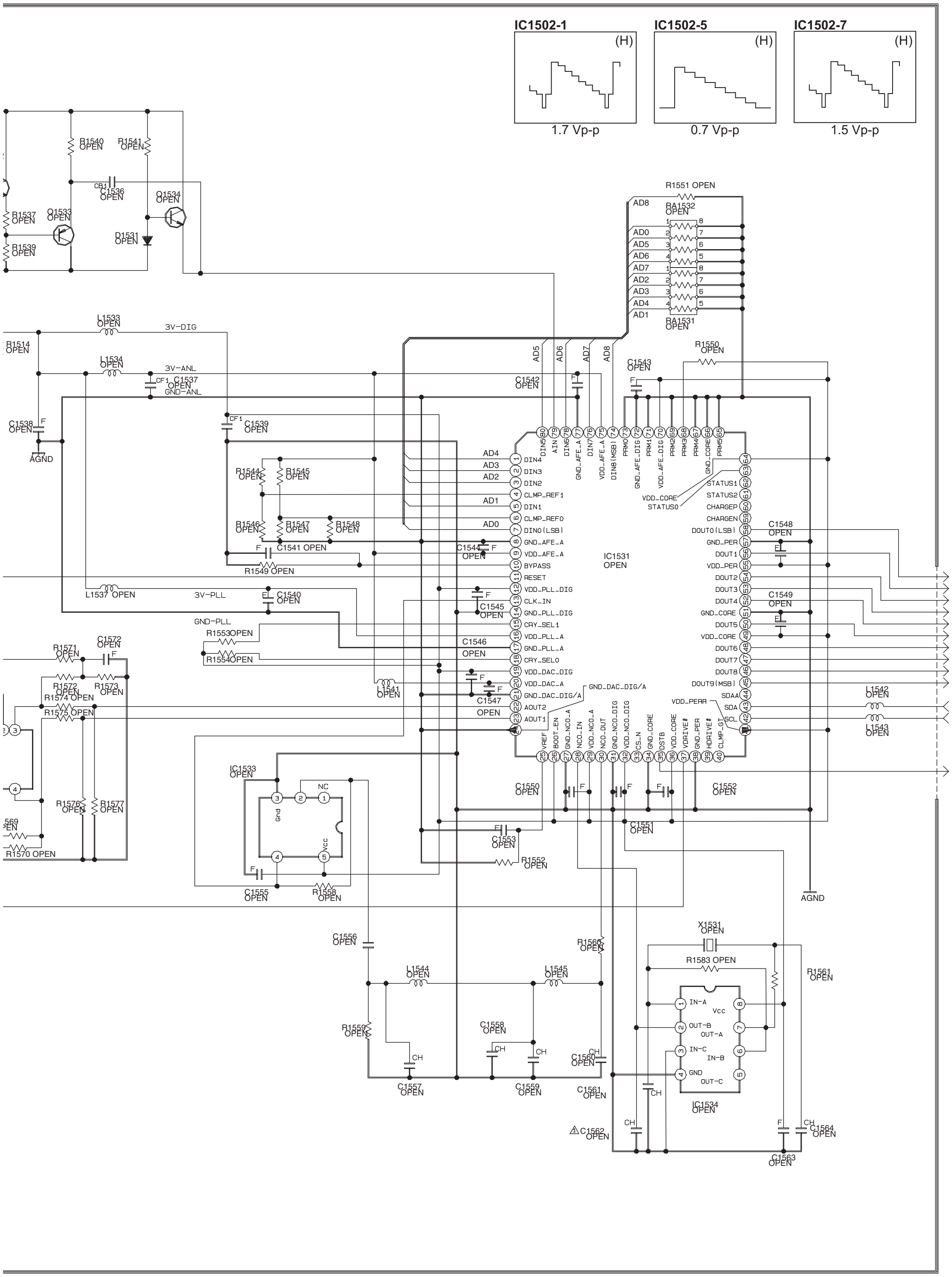
NJM2235/CTL

SW1	SW2	Vout
L	L	Vin1
H	L	Vin2
L/H	H	Vin3

- NOTE -

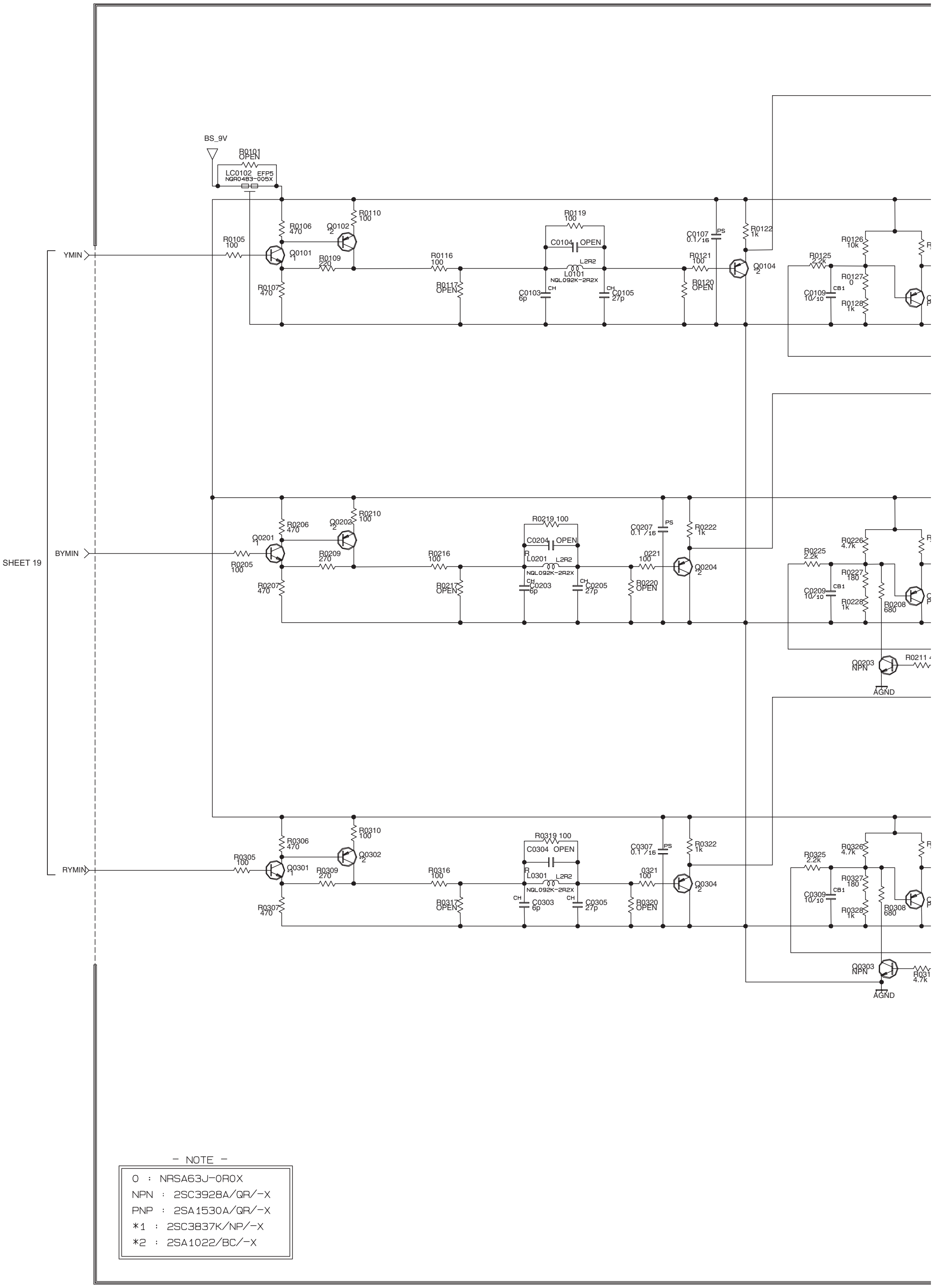
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : NQR0413-003X
*2 : NQL092K-100X
*3 : NQL092K-2R2X
*4 : NQL092K-8R8X
*5 : MA111-X
LC1 : NQR0470-001X
LC2 : NQR0470-007X
LC3 : NQR0313-009X

DIGITAL SIGNAL PWB ASS'Y(1/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585


IC1502-1
(H)
1.7 Vp-p
IC1502-5
(H)
0.7 Vp-p
IC1502-7
(H)
1.5 Vp-p
R1540 OPEN
R1541 OPEN
CB1 C1536 OPEN
Q1534 OPEN
R1537 OPEN
Q1533 OPEN
D1531 OPEN
R1539 OPEN
R1551 OPEN
AD8
RA1532 OPEN
AD0
AD5
AD6
AD7
AD2
AD3
AD4
AD1
RA1531 OPEN
L1533 OPEN
3V-DIG
R1514 OPEN
L1534 OPEN
3V-ANL
CF1 C1537 OPEN
GND-ANL
C1538 OPEN
AGND
CF1 C1539 OPEN
C1542 OPEN
C1543 OPEN
R1550 OPEN
R1544 OPEN
R1545 OPEN
R1546 OPEN
R1547 OPEN
R1548 OPEN
C1541 OPEN
C1544 OPEN
R1549 OPEN
L1537 OPEN
3V-PLL
C1540 OPEN
C1545 OPEN
GND-PLL
R1553 OPEN
R1554 OPEN
C1546 OPEN
L1541 OPEN
C1547 OPEN
GND_DAC_DIG/A
IC1531 OPEN
DIN4
DIN3
DIN2
CLMP_REF1
DIN1
CLMP_REF0
DIN0(LSB)
GND_AFE_A
VDD_AFE_A
BYPASS
RESET
VDD_PLL_DIG
CLK_IN
GND_PLL_DIG
CRY_SEL1
VDD_PLL_A
GND_PLL_A
CRY_SEL0
VDD_DAC_DIG
VDD_DAC_A
GND_DAC_DIG/A
AOUT2
AOUT1
VREF
BOOT_EN
GND_NCO_A
NCO_IN
VDD_NCO_A
NCO_OUT
VDD_NCO_DIG
GND_NCO_DIG
CS_N
GND_CORE
DSTB
VDD_CORE
VDRIVE#
GND_PER
HDRIVE#
CLMP_G
DIN5
AIN
DIN6
GND_AFE_A
DIN7
VDD_AFE_A
DIN8(MSB)
PRM0
GND_AFE_DIG
PRM1
VDD_AFE_DIG
PRM2
PRM3
PRM4
GND_CORE
PRM5
STATUS1
STATUS2
CHARGEP
CHARGEN
VDD_CORE
STATUS0
DOUT0(LSB)
GND_PER
DOUT1
VDD_PER
DOUT2
DOUT3
DOUT4
GND_CORE
DOUT5
VDD_CORE
DOUT6
DOUT7
DOUT8
DOUT9(MSB)
SDAA
VDD_PERR
SDA
SCL
C1548 OPEN
C1549 OPEN
GRD0
GRD1
GRD2
GRD3
GRD4
GRD5
GRD6
GRD7
GRD8
GRD9
SHEET 11
L1542 OPEN
L1543 OPEN
SDA3A
SCL3A
SHEET 11, 14, 18
4FSC
SHEET 11
R1571 OPEN
C1572 OPEN
R1572 OPEN
R1573 OPEN
R1574 OPEN
R1575 OPEN
R1576 OPEN
R1577 OPEN
R1570 OPEN
IC1533 OPEN
NC
Gnd
Vcc
C1555 OPEN
R1558 OPEN
C1550 OPEN
C1552 OPEN
C1551 OPEN
C1553 OPEN
R1552 OPEN
AGND
C1556 OPEN
R1560 OPEN
X1531 OPEN
R1583 OPEN
R1561 OPEN
L1544 OPEN
L1545 OPEN
R1559 OPEN
C1558 OPEN
CH
C1560 OPEN
C1557 OPEN
C1559 OPEN
C1561 OPEN
IN-A
Vcc
OUT-B
OUT-A
IN-C
IN-B
GND
OUT-C
IC1534 OPEN
C1562 OPEN
C1563 OPEN
C1564 OPEN

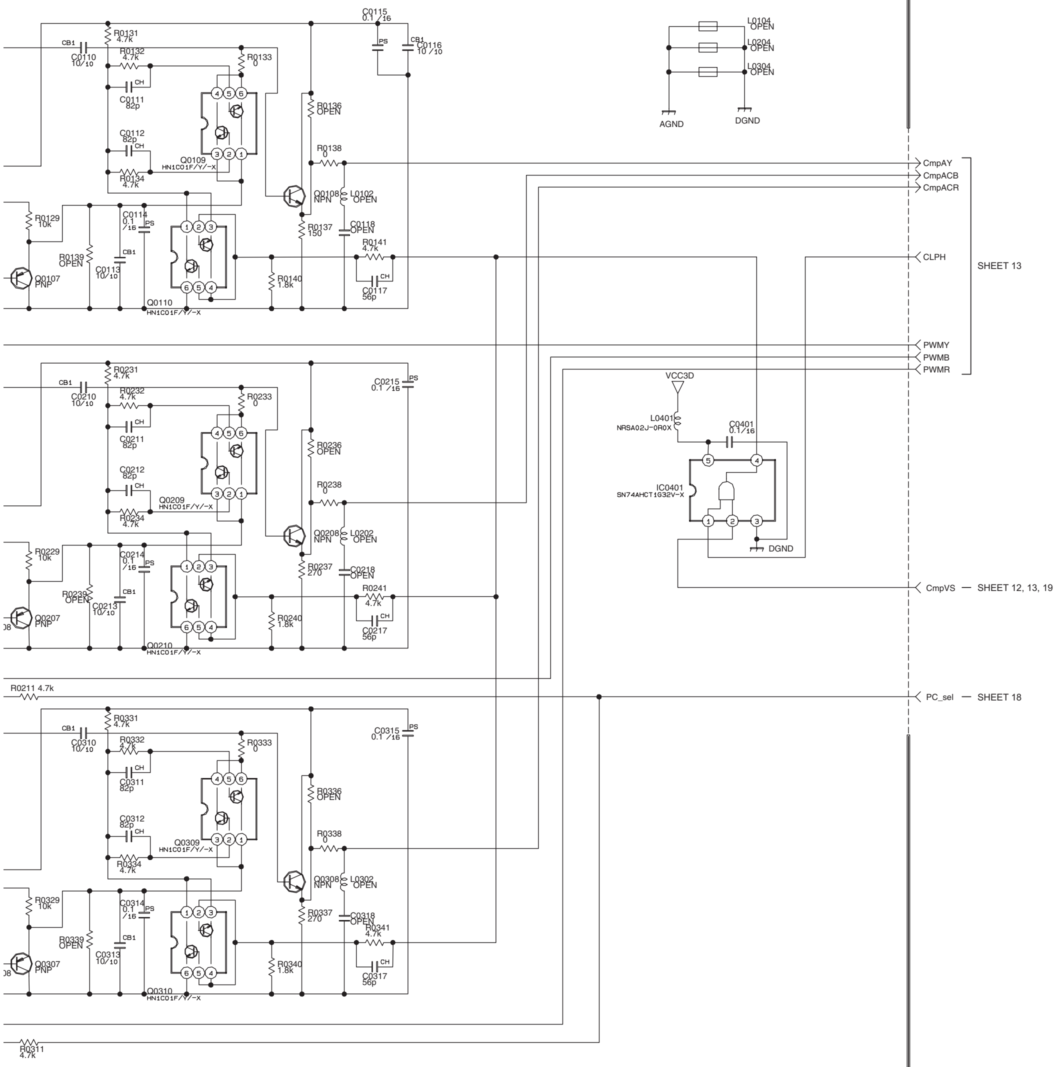
MODE PIN NO.	DC (V)
IC1502	
1	4.4
2	0
3	3.7
4	0
5	0
6	9
7	3.7
8	0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (2/11) SHEET 10


BS_9V
R0101 OPEN
LC0102 EFP5
NQR0483-005X
SHEET 19
YMIN
BYMIN
RYMIN
R0105 100
R0106 470
R0107 470
Q0101 *1
Q0102 *2
R0109 220
R0110 100
R0116 100
R0117 OPEN
R0119 100
C0104 OPEN
L0101 L2R2
NQL092K-2R2X
C0103 6p
C0105 27p
C0107 0.1/16
R0121 100
R0120 OPEN
R0122 1k
Q0104 *2
R0125 2.2k
R0126 10k
R0127 0
R0128 1k
C0109 10/10
R0205 100
R0206 470
R0207 470
Q0201 *1
Q0202 *2
R0209 270
R0210 100
R0216 100
R0217 OPEN
R0219 100
C0204 OPEN
L0201 L2R2
NQL092K-2R2X
C0203 6p
C0205 27p
C0207 0.1/16
R0221 100
R0220 OPEN
R0222 1k
Q0204 *2
R0225 2.2k
R0226 4.7k
R0227 180
R0228 1k
R0208 680
C0209 10/10
Q0203 NPN
R0211
AGND
R0305 100
R0306 470
R0307 470
Q0301 *1
Q0302 *2
R0309 270
R0310 100
R0316 100
R0317 OPEN
R0319 100
C0304 OPEN
L0301 L2R2
NQL092K-2R2X
C0303 6p
C0305 27p
C0307 0.1/16
R0321 100
R0320 OPEN
R0322 1k
Q0304 *2
R0325 2.2k
R0326 4.7k
R0327 180
R0328 1k
R0308 680
C0309 10/10
Q0303 NPN
4.7k
AGND

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : 2SC3837K/NP/-X
*2 : 2SA1022/BC/-X


R0131 4.7k
R0132 4.7k
R0133 0
C0110 10/10
CB1
C0111 82p
C0112 82p
CH
Q0109 HN1C01F/Y/-X
R0134 4.7k
R0136 OPEN
R0138 0
Q0108 NPN
L0102 OPEN
R0137 150
C0118 OPEN
R0141 4.7k
C0117 56p
R0140 1.8k
C0115 0.1/16
PS
C0116 10/10
R0129 10k
C0114 0.1/16
R0139 OPEN
C0113 10/10
Q0107 PNP
Q0110 HN1C01F/Y/-X
L0104 OPEN
L0204 OPEN
L0304 OPEN
AGND
DGND
CmpAY
CmpACB
CmpACR
CLPH
SHEET 13
PWMY
PWMB
PWMR
R0231 4.7k
R0232 4.7k
R0233 0
C0210 10/10
C0211 82p
C0212 82p
Q0209 HN1C01F/Y/-X
R0234 4.7k
R0236 OPEN
R0238 0
Q0208 NPN
L0202 OPEN
R0237 270
C0218 OPEN
R0241 4.7k
C0217 56p
R0240 1.8k
C0215 0.1/16
R0229 10k
C0214 0.1/16
R0239 OPEN
C0213 10/10
Q0207 PNP
Q0210 HN1C01F/Y/-X
VCC3D
L0401 NRSA02J-0R0X
C0401 0.1/16
IC0401 SN74AHCT1G32V-X
CmpVS
SHEET 12, 13, 19
R0211 4.7k
PC_sel
SHEET 18
R0331 4.7k
R0332 4.7k
R0333 0
C0310 10/10
C0311 82p
C0312 82p
Q0309 HN1C01F/Y/-X
R0334 4.7k
R0336 OPEN
R0338 0
Q0308 NPN
L0302 OPEN
R0337 270
C0318 OPEN
R0341 4.7k
C0317 56p
R0340 1.8k
C0315 0.1/16
R0329 10k
C0314 0.1/16
R0339 OPEN
C0313 10/10
Q0307 PNP
Q0310 HN1C01F/Y/-X
R0311 4.7k

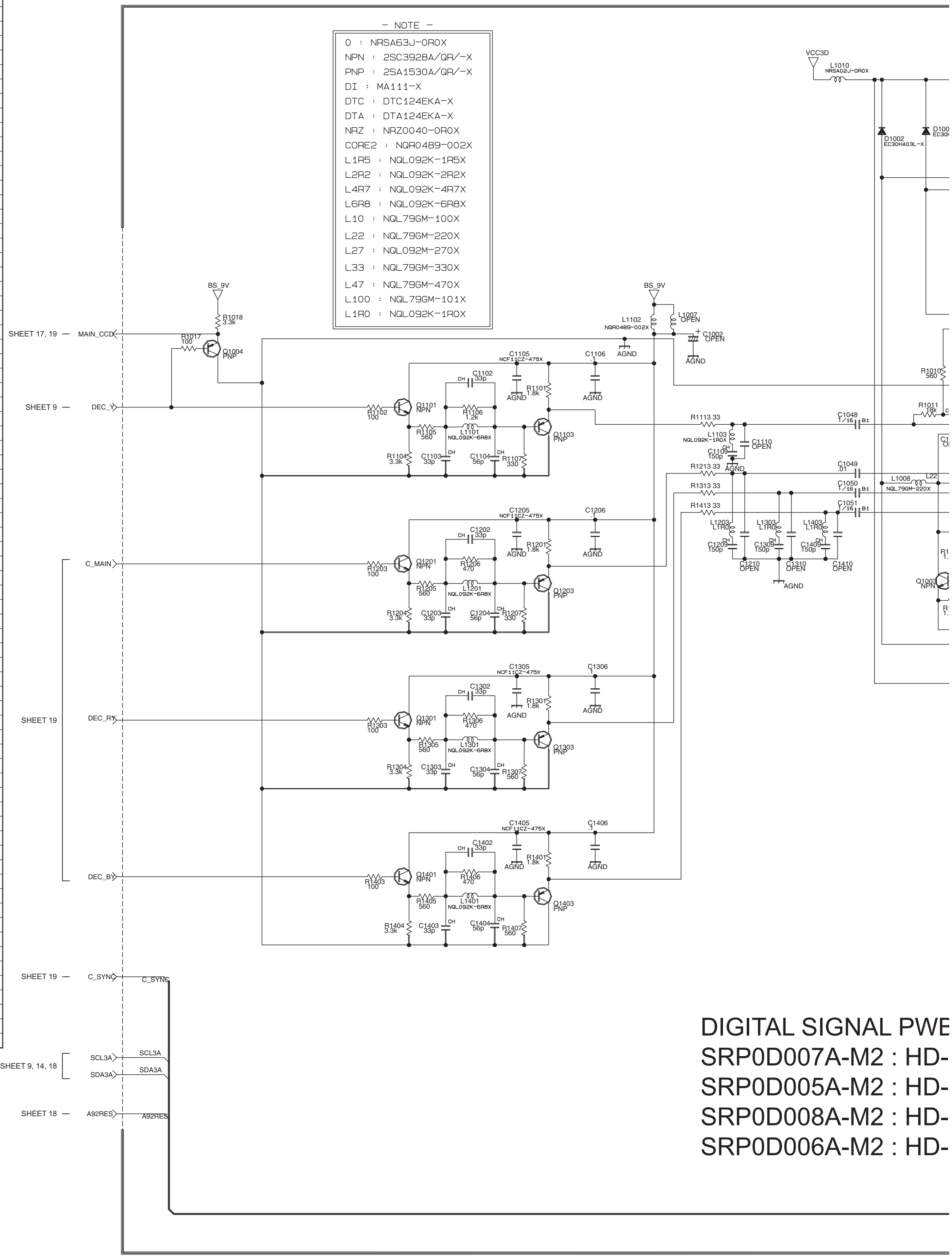
DIGITAL SIGNAL PWB ASS'Y(2/12)

SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

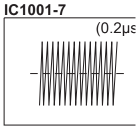
MODE PIN NO.	DC (V)
IC0401	
1	3.2
2	0.2
3	0
4	3.1
5	3.3
Q0101	
E	3.8
C	7.7
B	4.5
Q0102	
E	8.5
C	4.6
B	7.7
Q0104	
E	5.3
C	0
B	4.6
Q0107	
E	1.5
C	0
B	0.9
Q0108	
E	0.8
C	9
B	1.5
Q0109	
1	1.4
2	0.1
3	1.4
4	1.5
5	0.1
6	1.5
Q0110	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.1
Q0201	
E	3.7
C	7.7
B	4.5
Q0202	
E	8.5
C	4.9
B	7.7
Q0203	
E	0
C	1.9
B	0
Q0204	
E	5.6
C	0
B	4.9
Q0207	
E	2.5
C	0
B	1.9
Q0208	
E	1.8
C	9
B	2.4
Q0209	
1	2.4
2	0.2
3	2.4
4	2.4
5	0.2
6	2.5
Q0210	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.2
Q0301	
E	3.7
C	7.7
B	4.5
Q0302	
E	8.5
C	4.9
B	7.7
Q0303	
E	0
C	1.9
B	0
Q0304	
E	5.7
C	0
B	5
Q0307	
E	2.5
C	0
B	1.9
Q0308	
E	1.8
C	9
B	2.4
Q0309	
1	2.4
2	0.1
3	2.4
4	2.5
5	0.1
6	2.5
Q0310	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.1

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (3/11) SHEET 11

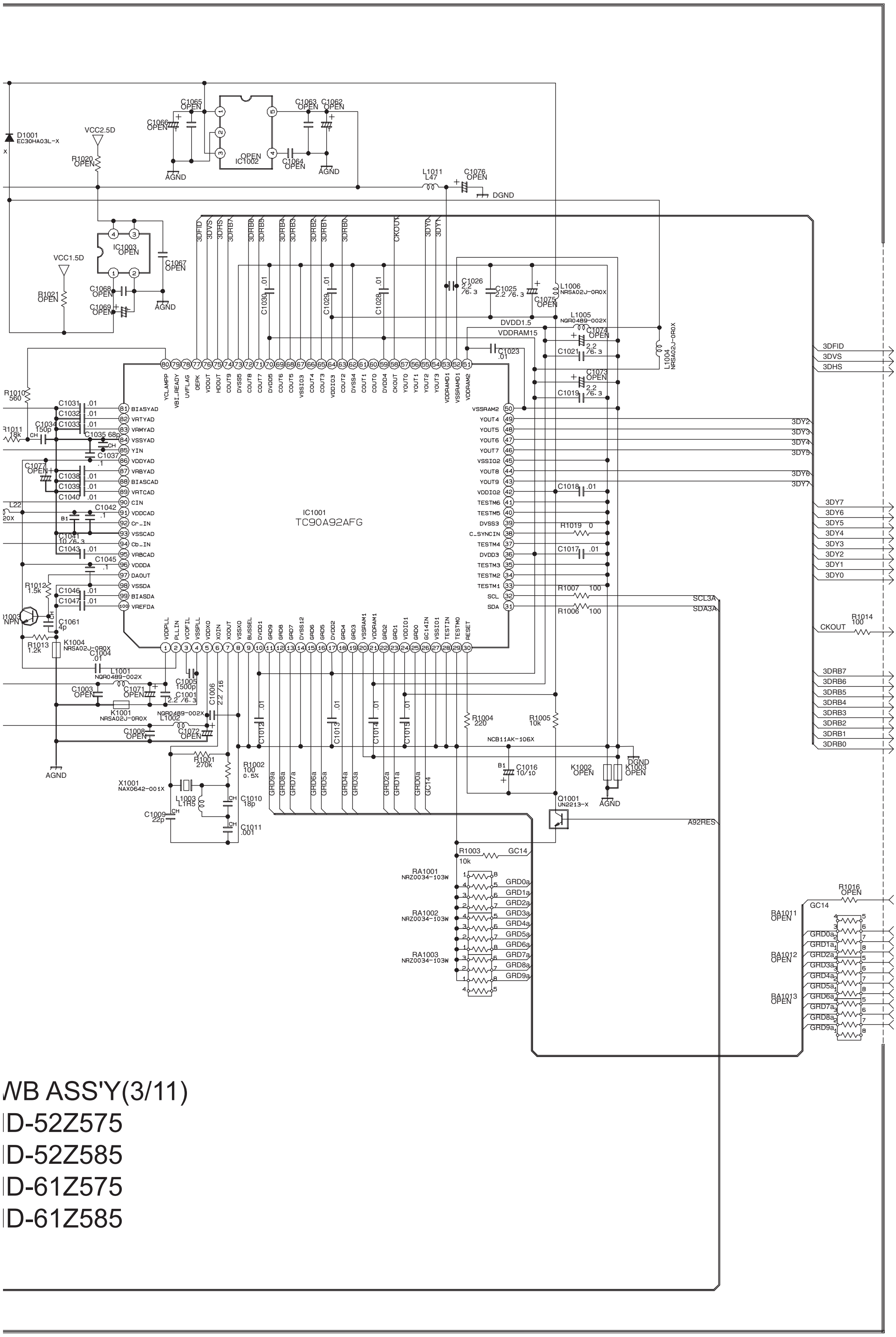
MODE PIN NO.	DC (V)
IC1001	
1	2.5
2	1.3
3	1.3
4	0
5	3.3
6	1.7
7	1.6
8	0
9	0
10	1.5
11	0
12	0
13	0
14	0
15	0
16	0
17	1.5
18	0
19	0
20	0
21	1.5
22	0
23	0
24	3.3
25	0
26	0
27	0
28	0
29	0
30	3.3
31	3.3
32	3.3
33	0
34	0
35	0
36	1.4
37	0
38	0
39	0
40	0
41	0
42	3.3
43	0.9
44	0.9
45	0
46	1
47	1.8
48	0.9
49	1
50	0
51	1.6
52	0
53	2.5
54	1.3
55	1.3
56	0
57	0
58	1.5
59	1.5
60	0
61	0
62	0
63	0.9
64	3.3
65	1
66	1
67	0
68	0.9
69	0.9
70	1.5
71	0.9
72	0.9
73	0
74	2.3
75	0.2
76	0
77	1.7
78	1.5
79	0
80	1
81	0.9
82	1.7
83	1.2
84	0
85	1.1
86	2.4
87	0.7
88	0.8
89	1.7
90	1.2
91	2.4
92	1.2
93	0
94	1.2
95	0.7
96	2.8
97	1.9
98	0
99	1.1
10	0 1.5
Q1001	
E	0
C	3.3
B	0
Q1003	
E	1.2
C	2.4
B	1.9
Q1004	
E	4.2
C	0
B	3.8
Q1101	
E	3.1
C	9
B	3.7
Q1103	
E	1.8
C	0
B	1.2
Q1201	
E	3.7
C	9
B	4.4
Q1203	
E	2
C	0
B	1.3
Q1301	
E	3.9
C	9
B	4.5
Q1303	
E	2.5
C	0
B	2
Q1401	
E	3.9
C	9
B	4.5
Q1403	
E	2.6
C	0
B	2


- NOTE -
O : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
DI : MA111-X
DTC : DTC124EKA-X
DTA : DTA124EKA-X
NRZ : NRZ0040-0R0X
CORE2 : NQR0489-002X
L1R5 : NQL092K-1R5X
L2R2 : NQL092K-2R2X
L4R7 : NQL092K-4R7X
L6R8 : NQL092K-6R8X
L10 : NQL79GM-100X
L22 : NQL79GM-220X
L27 : NQL092M-270X
L33 : NQL79GM-330X
L47 : NQL79GM-470X
L100 : NQL79GM-101X
L1R0 : NQL092K-1R0X
SHEET 17, 19
MAIN_CCD
SHEET 9
DEC_Y
C_MAIN
SHEET 19
DEC_RY
DEC_BY
SHEET 19
C_SYNC
SHEET 9, 14, 18
SCL3A
SDA3A
SHEET 18
A92RES
BS_9V
R1018 3.3k
R1017 100
Q1004 PNP
VCC3D
L1010 NRSA02J-0R0X
D1002 EC30HA03L-X
L1102 NQR0489-002X
L1007 OPEN
C1002 OPEN
AGND
R1010 560
R1011 18k
Q1101 NPN
R1102 100
C1105 NCF11CZ-475X
C1106
C1102 33p
R1101 1.8k
R1106 1.2k
R1105 560
L1101 NQL092K-6R8X
Q1103 PNP
R1104 3.3k
C1103 33p
C1104 56p
R1107 330
R1113 33
L1103 NQL092K-1R0X
C1109 150p
C1110 OPEN
C1048 1/16 B1
R1213 33
C1049 .01
R1313 33
C1050 1/16 B1
L1008 NQL79GM-220X
R1413 33
C1051 1/16 B1
L1203 L1R0
C1209 150p
C1210 OPEN
L1303 L1R0
C1309 150p
C1310 OPEN
L1403 L1R0
C1409 150p
C1410 OPEN
Q1003 NPN
Q1201 NPN
R1203 100
C1205 NCF11CZ-475X
C1206
C1202 33p
R1201 1.8k
R1206 470
R1205 560
L1201 NQL092K-6R8X
Q1203 PNP
R1204 3.5k
C1203 33p
C1204 56p
R1207 330
Q1301 NPN
R1303 100
C1305 NCF11CZ-475X
C1306
C1302 33p
R1301 1.8k
R1306 470
R1305 560
L1301 NQL092K-6R8X
Q1303 PNP
R1304 3.3k
C1303 33p
C1304 56p
R1307 560
Q1401 NPN
R1403 100
C1405 NCF11CZ-475X
C1406
C1402 33p
R1401 1.8k
R1406 470
R1405 560
L1401 NQL092K-6R8X
Q1403 PNP
R1404 3.3k
C1403 33p
C1404 56p
R1407 560
CH
DIGITAL SIGNAL PWE
SRP0D007A-M2 : HD-
SRP0D005A-M2 : HD-
SRP0D008A-M2 : HD-
SRP0D006A-M2 : HD-

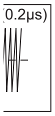
IC1001-7



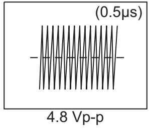
5.2 Vp-p


D1001
EC30HA03L-X
VCC2.5D
R1020
OPEN
C1065
OPEN
C1066
OPEN
IC1002
OPEN
C1063
OPEN
C1062
OPEN
C1064
OPEN
AGND
L1011
L47
C1076
OPEN
DGND
IC1003
OPEN
C1067
OPEN
VCC1.5D
R1021
OPEN
C1068
OPEN
C1069
OPEN
3DFID
3DVS
3DHS
3DRB7
3DRB6
3DRB5
3DRB4
3DRB3
3DRB2
3DRB1
3DRB0
CKOUT
3DY0
3DY1
C1030
.01
C1029
.01
C1028
.01
C1026
2.2 /6.3
C1025
2.2 /6.3
C1075
OPEN
L1006
NRSA02J-0R0X
L1005
NQR0489-002X
DVDD1.5
VDDRAM15
C1074
OPEN
C1023
.01
C1021
2.2 /6.3
C1073
OPEN
C1019
2.2 /6.3
L1004
NRSA02J-0R0X
R1010
560
C1031
C1032
C1033
C1034
150p
R1011
18k
C1035 68p
C1037
C1077
OPEN
C1038
C1039
C1040
L22
C1042
C1041
10 /6.3
C1043
C1045
R1012
1.5k
C1046
C1047
NPN
C1061
4p
R1013
1.2k
K1004
NRSA02J-0R0X
C1004
.01
L1001
NQR0489-002X
C1003
OPEN
C1071
OPEN
C1005
1500p
C1001
2.2 /6.3
K1001
NRSA02J-0R0X
L1002
NQR0489-002X
C1006
2.2/16
C1008
OPEN
C1072
OPEN
AGND
R1001
270k
R1002
100
0.5%
X1001
NAX0642-001X
L1003
L1R5
C1010
18p
C1009
22p
C1011
.001
IC1001
TC90A92AFG
YCLAMPP
VBI_READY
UVFLAG
OEPX
VDOUT
HDOUT
COUT9
DVSS5
COUT8
COUT7
DVDD5
COUT6
COUT5
VSSIO3
COUT4
COUT3
VDDIO3
COUT2
DVSS4
COUT1
COUT0
DVDD4
CKOUT
YOUT0
YOUT1
YOUT2
YOUT3
VDDRAM01
VSSRAM01
VDDRAM2
BIASYAD
VRTYAD
VRMYAD
VSSYAD
YIN
VDDYAD
VRBYAD
BIASCAD
VRTCAD
CIN
VDDCAD
Cr_IN
VSSCAD
Cb_IN
VRBCAD
VDDDA
DAOUT
VSSDA
BIASDA
VREFDA
VSSRAM2
YOUT4
YOUT5
YOUT6
YOUT7
VSSIO2
YOUT8
YOUT9
VDDIO2
TESTM6
TESTM5
DVSS3
C_SYNCIN
TESTM4
DVDD3
TESTM3
TESTM2
TESTM1
SCL
SDA
VDDPLL
PLLIN
VCOFIL
VSSPLL
VDDXO
XOIN
XOOUT
BUSSEL
DVDD1
GRD9
GRD8
GRD7
DVSS12
GRD6
GRD5
DVDD2
GRD4
GRD3
VSSRAM1
VDDRAM1
GRD2
GRD1
VDDIO1
GRD0
GC14IN
VSSIO1
TESTIN
TESTMO
RESET
C1018 .01
R1019 0
C1017 .01
R1007 100
R1006 100
SCL3A
SDA3A
3DY2
3DY3
3DY4
3DY5
3DY6
3DY7
3DY0
3DCK
R1014
100
C1012
.01
C1013
.01
C1014
.01
C1015
.01
R1004
220
R1005
10k
NCB11AK-106X
C1016
10/10
K1002
OPEN
K1003
OPEN
DGND
Q1001
UN2213-X
AGND
A92RES
GRD9a
GRD8a
GRD7a
GRD6a
GRD5a
GRD4a
GRD3a
GRD2a
GRD1a
GRD0a
GC14
R1003
10k
RA1001
NRZ0034-103W
RA1002
NRZ0034-103W
RA1003
NRZ0034-103W
R1016
OPEN
4FSC
RA1011
OPEN
RA1012
OPEN
RA1013
OPEN
GRD0
GRD1
GRD2
GRD3
GRD4
GRD5
GRD6
GRD7
GRD8
GRD9
SHEET 13
SHEET 9

WB ASS'Y(3/11)
D-52Z575
D-52Z585
D-61Z575
D-61Z585

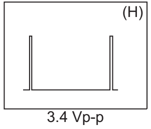


IC1001-58



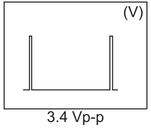
4.8 Vp-p

IC1001-75



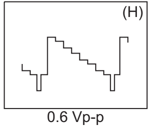
3.4 Vp-p

IC1001-76



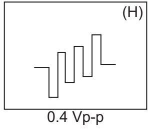
3.4 Vp-p

IC1001-85



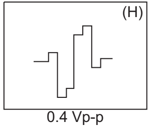
0.6 Vp-p

IC1001-92



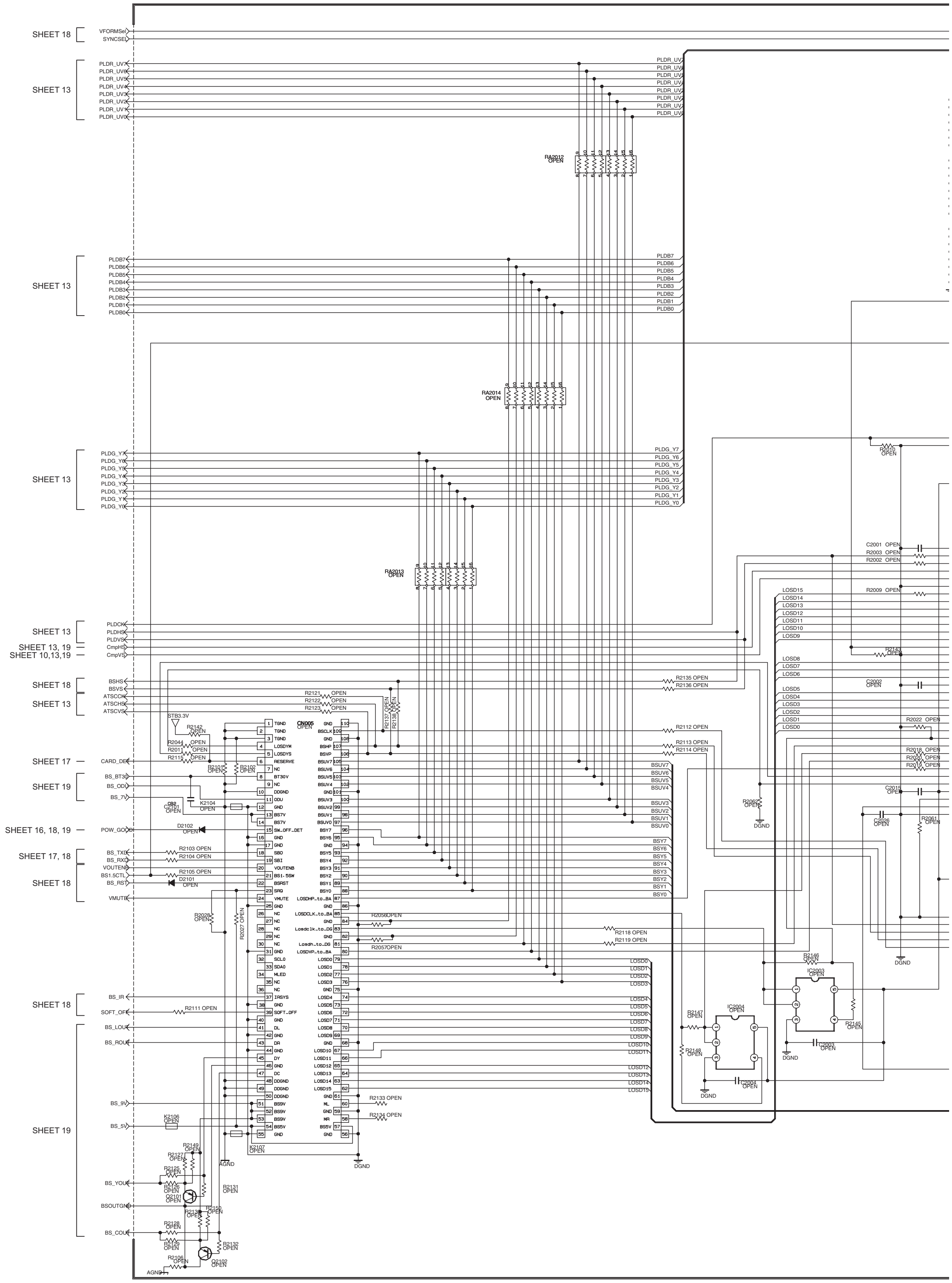
0.4 Vp-p

IC1001-94

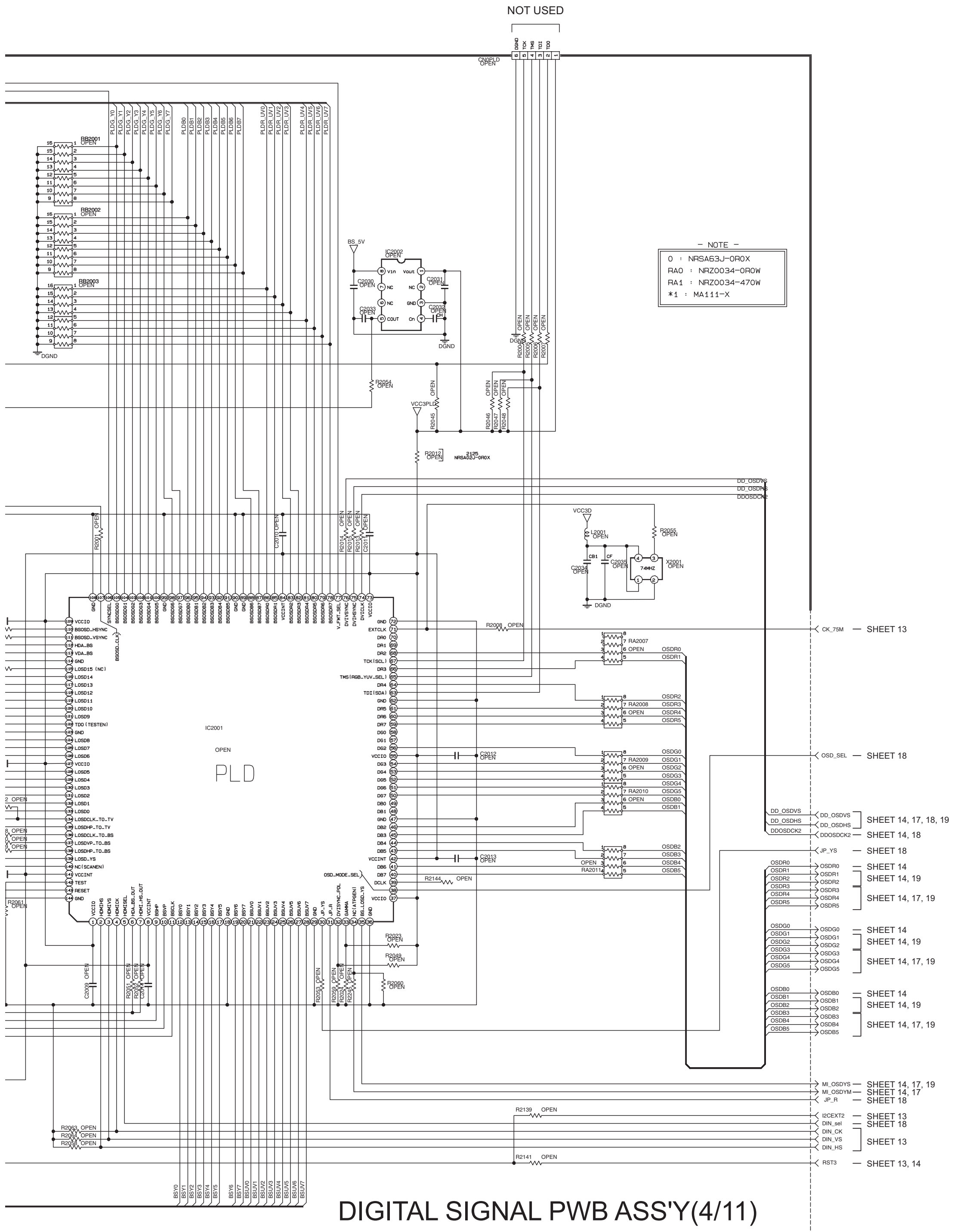


0.4 Vp-p

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (4/11) SHEET 12



SHEET 18
VFORMSel
SYNCSEL
SHEET 13
PLDR_UV7
PLDR_UV6
PLDR_UV5
PLDR_UV4
PLDR_UV3
PLDR_UV2
PLDR_UV1
PLDR_UV0
RA2012 OPEN
SHEET 13
PLDB7
PLDB6
PLDB5
PLDB4
PLDB3
PLDB2
PLDB1
PLDB0
RA2014 OPEN
SHEET 13
PLDG_Y7
PLDG_Y6
PLDG_Y5
PLDG_Y4
PLDG_Y3
PLDG_Y2
PLDG_Y1
PLDG_Y0
RA2013 OPEN
SHEET 13
PLDCK
PLDHS
PLDVS
SHEET 13, 19
CmpHS
SHEET 10,13,19
CmpVS
SHEET 18
BSHS
BSVS
SHEET 13
ATSCCK
ATSCHS
ATSCVS
STB3.3V
R2121 OPEN
R2122 OPEN
R2123 OPEN
CN005 OPEN
R2142 OPEN
R2044 OPEN
R2010 OPEN
R2115 OPEN
SHEET 17
CARD_DET
SHEET 19
BS_BT3V
BS_ODU
BS_7V
C2101 OPEN
K2104 OPEN
SHEET 16, 18, 19
POW_GOOD
D2102 OPEN
SHEET 17, 18
BS_TXD
BS_RXD
R2103 OPEN
R2104 OPEN
VOUTENB
BS1.5CTL
R2105 OPEN
SHEET 18
BS_RST
D2101 OPEN
VMUTE
R2026 OPEN
R2027 OPEN
SHEET 18
BS_IR
SOFT_OFF
R2111 OPEN
BS_LOUT
BS_ROUT
SHEET 19
BS_9V
BS_5V
K2106 OPEN
R2149 OPEN
R2127 OPEN
R2125 OPEN
R2126 OPEN
Q2101 OPEN
R2131 OPEN
BS_YOUT
BSOUTGND
R2130 OPEN
R2150 OPEN
R2128 OPEN
R2129 OPEN
BS_COUT
R2132 OPEN
R2106 OPEN
Q2102 OPEN
AGND
K2107 OPEN
AGND
DGND
1 TGND
2 TGND
3 TGND
4 LOSDVM
5 LOSDYS
6 RESERVE
7 NC
8 BT3GV
9 NC
10 DDGND
11 ODU
12 GND
13 BS7V
14 BS7V
15 SW_OFF_DET
16 GND
17 GND
18 SBO
19 SBI
20 VOUTENB
21 BS1.55W
22 BSRST
23 SRQ
24 VMUTE
25 GND
26 NC
27 NC
28 NC
29 NC
30 NC
31 GND
32 SCLO
33 SDAO
34 MLED
35 NC
36 NC
37 IRSYS
38 GND
39 SOFT_OFF
40 GND
41 DL
42 GND
43 DR
44 GND
45 DY
46 GND
47 DC
48 DDGND
49 DDGND
50 DDGND
51 BS9V
52 BS9V
53 BS9V
54 BS5V
55 GND
GND 110
BSCLK 109
GND 108
BSHP 107
BSVP 106
BSUV7 105
BSUV6 104
BSUV5 103
BSUV4 102
GND 101
BSUV3 100
BSUV2 99
BSUV1 98
BSUV0 97
BSY7 96
BSY6 95
GND 94
BSY5 93
BSY4 92
BSY3 91
BSY2 90
BSY1 89
BSY0 88
LOSDHP_to_BA 87
GND 86
LOSDCLK_to_BA 85
GND 84
Losdclk_to_DG 83
GND 82
Losdh_to_DG 81
LOSDVP_to_BA 80
LOSD0 79
LOSD1 78
LOSD2 77
LOSD3 76
GND 75
LOSD4 74
LOSD5 73
LOSD6 72
LOSD7 71
LOSD8 70
LOSD9 69
GND 68
LOSD10 67
LOSD11 66
LOSD12 65
LOSD13 64
LOSD14 63
LOSD15 62
GND 61
ML 60
GND 59
MR 58
BS5V 57
GND 56
R2137 OPEN
R2138 OPEN
R2056 OPEN
R2057 OPEN
R2118 OPEN
R2119 OPEN
R2133 OPEN
R2134 OPEN
R2135 OPEN
R2136 OPEN
R2112 OPEN
R2113 OPEN
R2114 OPEN
BSUV7
BSUV6
BSUV5
BSUV4
BSUV3
BSUV2
BSUV1
BSUV0
BSY7
BSY6
BSY5
BSY4
BSY3
BSY2
BSY1
BSY0
LOSD0
LOSD1
LOSD2
LOSD3
LOSD4
LOSD5
LOSD6
LOSD7
LOSD8
LOSD9
LOSD10
LOSD11
LOSD12
LOSD13
LOSD14
LOSD15
R2062 OPEN
DGND
R2147 OPEN
R2148 OPEN
IC2004 OPEN
C2004 OPEN
DGND
IC2003 OPEN
R2146 OPEN
R2145 OPEN
C2003 OPEN
DGND
R2010 OPEN
C2001 OPEN
R2003 OPEN
R2002 OPEN
R2009 OPEN
R2143 OPEN
C2002 OPEN
R2022 OPEN
R2018 OPEN
R2020 OPEN
R2016 OPEN
C2015 OPEN
C2006 OPEN
R2061 OPEN
DGND


NOT USED
CN0PLD
OPEN
DGND
TCK
TMS
TDI
TDO
- NOTE -
0 : NRSA63J-0R0X
RA0 : NRZ0034-0R0W
RA1 : NRZ0034-470W
*1 : MA111-X
RB2001
RB2002
RB2003
OPEN
DGND
BS_5V
IC2002
OPEN
C2030
C2031
C2033
C2032
Vin
Vout
NC
GND
COUT
Cn
R2054
VCC3PLD
R2045
R2046
R2047
R2048
R2012
R2125
NRSA63J-0R0X
DD_OSDVS
DD_OSDHS
DDOSDCK2
VCC3D
L2001
R2055
C2034
C2035
X2001
74MHZ
CB1
CF
R2001
C2010
IC2001
PLD
R2008
RA2007
RA2008
RA2009
RA2010
RA2011
C2012
C2013
R2144
OSD_MODE_SEL
R2023
R2049
R2060
R2061
C2009
R2139
R2141
R2063
R2062
R2058
CK_75M
SHEET 13
OSD_SEL
SHEET 18
DD_OSDVS
DD_OSDHS
SHEET 14, 17, 18, 19
DDOSDCK2
SHEET 14, 18
JP_YS
SHEET 18
OSDR0
OSDR1
OSDR2
OSDR3
OSDR4
OSDR5
SHEET 14
SHEET 14, 19
SHEET 14, 17, 19
OSDG0
OSDG1
OSDG2
OSDG3
OSDG4
OSDG5
SHEET 14
SHEET 14, 19
SHEET 14, 17, 19
OSDB0
OSDB1
OSDB2
OSDB3
OSDB4
OSDB5
SHEET 14
SHEET 14, 19
SHEET 14, 17, 19
MI_OSDYS
SHEET 14, 17, 19
MI_OSDYM
SHEET 14, 17
JP_R
SHEET 18
I2CEXT2
SHEET 13
DIN_sel
SHEET 18
DIN_CK
DIN_VS
DIN_HS
SHEET 13
RST3
SHEET 13, 14
BSY0
BSY1
BSY2
BSY3
BSY4
BSY5
BSY6
BSY7
BSUV0
BSUV1
BSUV2
BSUV3
BSUV4
BSUV5
BSUV6
BSUV7

DIGITAL SIGNAL PWB ASS'Y(4/11)

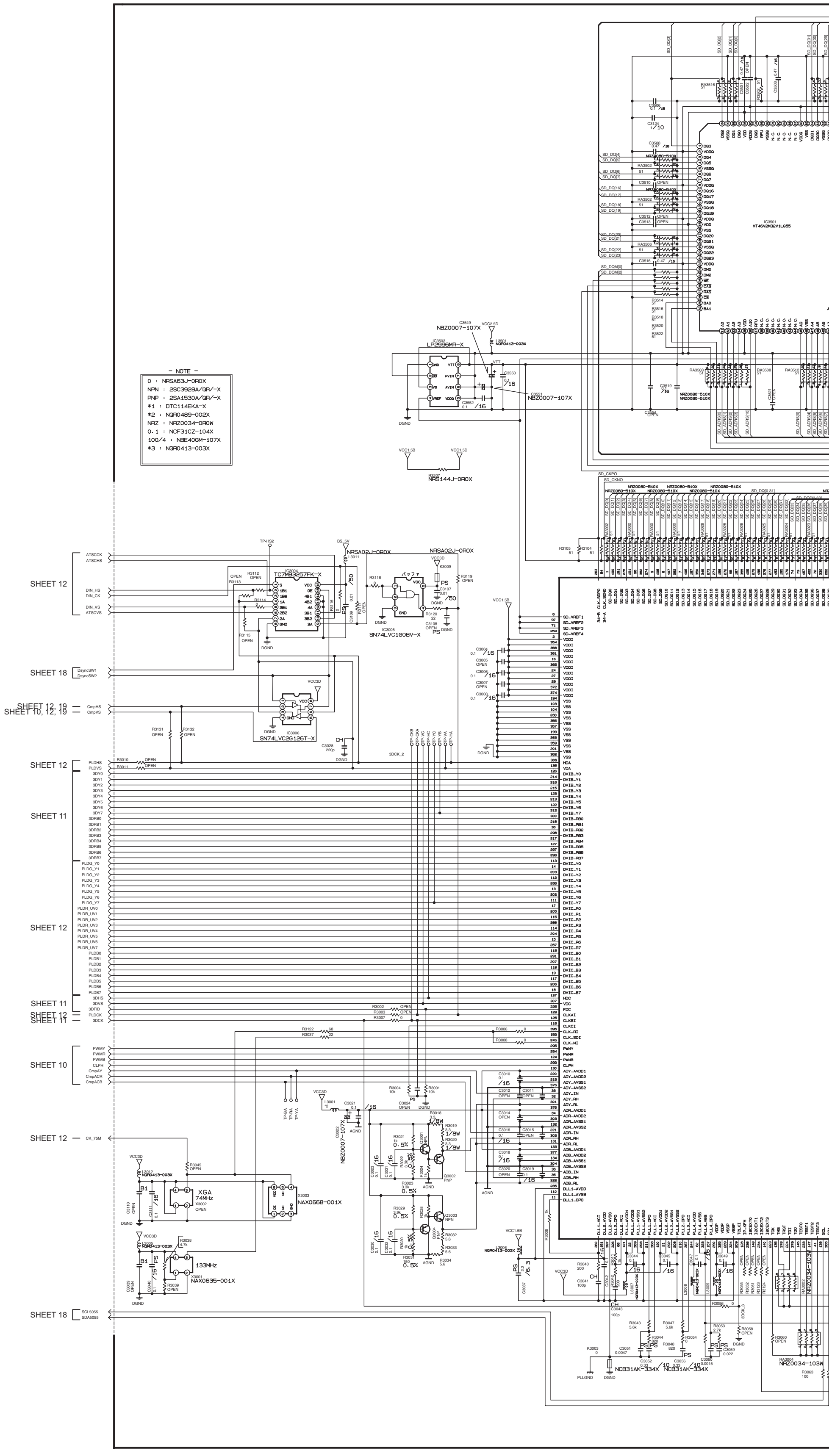
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (5/11) SHEET 13

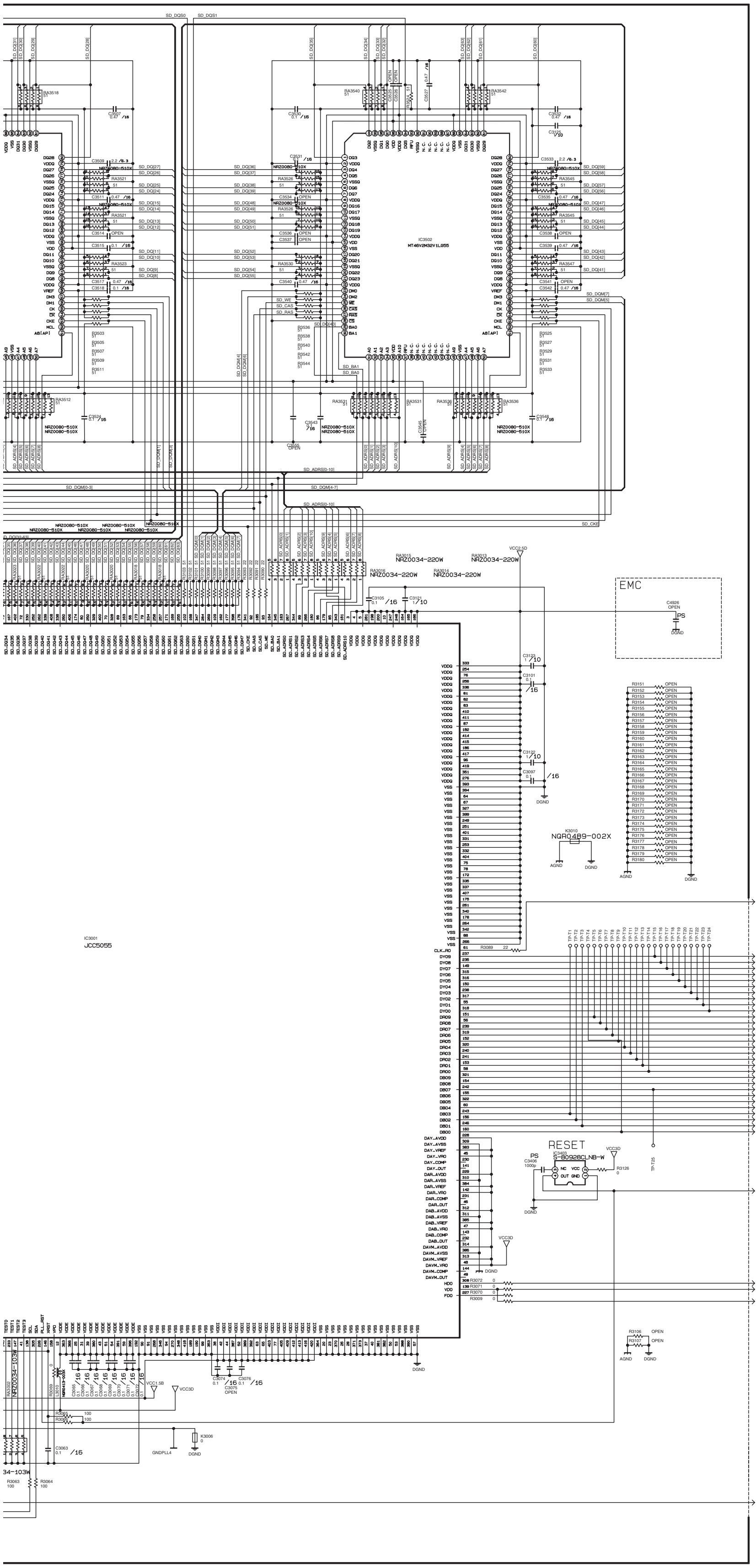
MODE PIN NO.	DC (V)
IC3403	
1	0
2	3.3
3	0
4	3.3
IC3501	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	1.2
7	1.2
8	2.4
9	1.2
10	1.2
11	0
12	1.2
13	1.2
14	2.5
15	2.5
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.5
23	0.4
24	0.4
25	1.7
26	1.7
27	1.7
28	0
29	0.7
30	0.7
31	0.7
32	0.7
33	0.7
34	0.7
35	2.5
36	0.7
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.7
46	0
47	0.7
48	0.7
49	0.7
50	0.6
51	0.7
52	0
53	1.8
54	1.3
55	1.1
56	0.2
57	0.4
58	1.2
59	2.5
60	1.2
61	1.2
62	0
63	1.2
64	1.2
65	2.4
66	0
67	2.5
68	1.2
69	1.2
70	0
71	1.2
72	1.2
73	2.5
74	1.2
75	1.2
76	0
77	0
78	1.2
79	2.5
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0

MODE PIN NO.	DC (V)
92	0
93	0
94	0
95	0
96	0
97	1.1
98	0
99	0
100	1.2
IC3502	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	0
7	0
8	2.5
9	1.2
10	0
11	0.1
12	0
13	1.2
14	2.5
15	2.5
16	0
17	0
18	1.2
19	0
20	1.2
21	1.2
22	2.4
23	0
24	0.1
25	0
26	1.7
27	0
28	0.1
29	0.7
30	0.7
31	0.7
32	0.5
33	0.6
34	0.7
35	2.5
36	0
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0
47	0.7
48	0
49	0.7
50	0.7
51	0.7
52	0
53	1.7
54	0
55	1.2
56	0.3
57	0.3
58	1.2
59	0
60	1.2
61	1.2
62	0
63	0.2
64	0
65	2.5
66	0
67	2.5
68	1.2
69	1.2
70	0
71	0
72	0.1
73	0.1
74	1.2
75	0
76	0
77	1.2
78	1.2
79	0
80	1.2
81	0.7
82	0
83	0
84	1.2
85	0
86	2.5
87	0

MODE PIN NO.	DC (V)
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	2.5
96	2.5
97	1.2
98	1.2
99	0
100	0
IC3503	
1	0
2	2.5
3	1.2
4	1.2
5	2.5
6	2.5
7	2.5
8	1.2
Q3001	
E	2.2
C	3.3
B	2.9
Q3002	
E	2.9
C	0
B	2.1
Q3003	
E	0.6
C	3.3
B	1.3
Q3004	
E	1.4
C	0
B	0.7

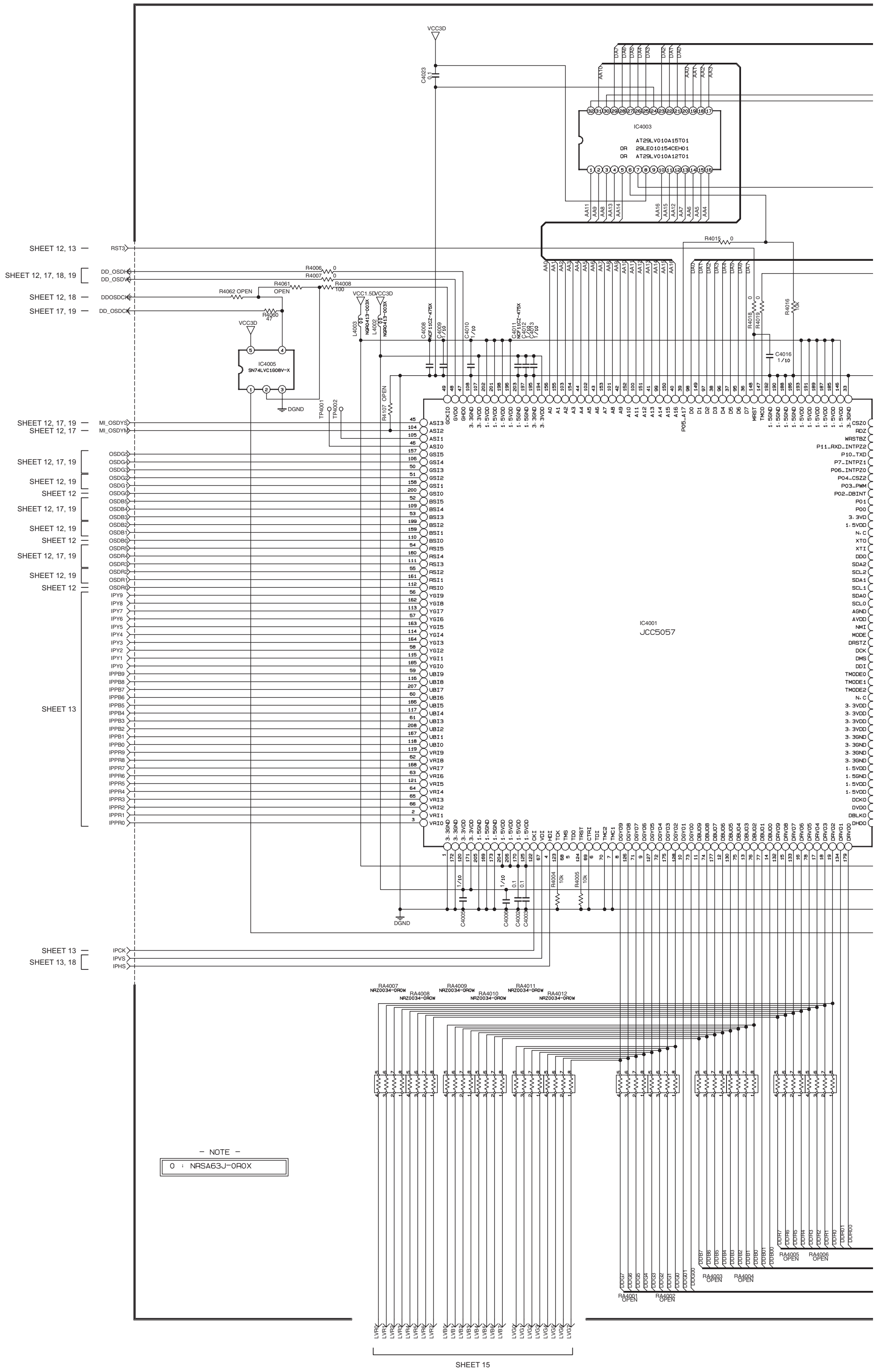

- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/GR/-X
PNP : 2SA1530A/GR/-X
*1 : DTC114EKA-X
*2 : NQR0489-002X
NRZ : NRZ0034-0R0W
0.1 : NCF31CZ-104X
100/4 : NBE40GM-107X
*3 : NQR0413-003X
SHEET 12
SHEET 18
SHEET 12, 19
SHEET 10, 12, 19
SHEET 12
SHEET 11
SHEET 12
SHEET 11
SHEET 12
SHEET 11
SHEET 10
SHEET 12
SHEET 18
TC7MB3257FK-X
SN74LVC2G126T-X
SN74LVC1G08V-X
LP2996MR-X
NBZ0007-107X
NRSA02J-0R0X
NRS144J-0R0X
IC3601 MT46V2M32V1LG55
XGA 74MHz
NAX0668-001X
133MHz
NAX0635-001X
NCB31AK-334X
NRZ0034-103W

DIGITAL SIGNAL PWB ASS'Y(5/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

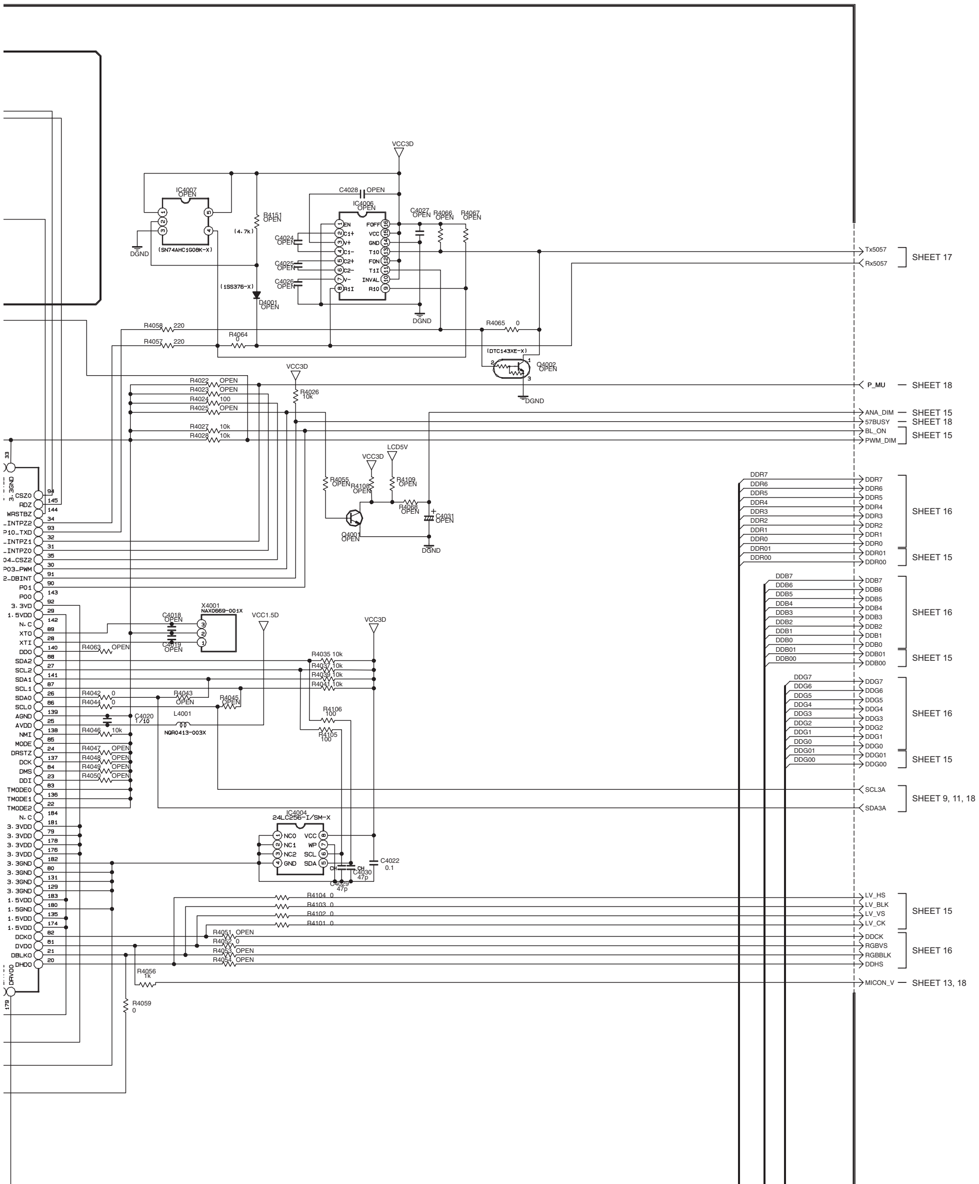

EMC
RESET
IC3001
JCC5055
IC3502
IPCK
SHEET 14
SHEET 14
RST3
SHEET 12, 14
IPHS
IPVS
MICON_V
SHEET 14, 18
I2CEXT2
SHEET 12

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (6/11) SHEET 14

MODE PIN NO.	DC (V)
IC4003	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0.1
9	0.1
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0.5
22	0.5
23	0.5
24	0
25	0.5
26	0.5
27	0.5
28	0.5
29	0.5
30	3.3
31	0
32	0
IC4004	
1	0
2	0
3	0
4	0
5	3.3
6	3.3
7	0
8	3.3



VCC3D
C4023
IC4003
AT29LV010A15T01
OR 29LE010154CEH01
OR AT29LV010A12T01
R4015 0
SHEET 12, 13
RST3
SHEET 12, 17, 18, 19
DD_OSDIN
DD_OSDV
SHEET 12, 18
DDOSDCK
SHEET 17, 19
DD_OSDCK
R4006 0
R4007 0
R4008 100
R4061 OPEN
R4062 OPEN
R4060 47
VCC1.5D
VCC3D
IC4005
SN74LVC1G08V-X
DGND
TP4001
TP4002
R4107 OPEN
C4016 1/10
R4016 10k
SHEET 12, 17, 19
MI_OSDYS
SHEET 12, 17
MI_OSDYM
SHEET 12, 19
SHEET 12
SHEET 13
IC4001
JCC5057
R4004 10k
R4005 10k
SHEET 13
IPCK
SHEET 13, 18
IPVS
IPHS
RA4007 NRZ0034-0R0W
RA4008 NRZ0034-0R0W
RA4009 NRZ0034-0R0W
RA4010 NRZ0034-0R0W
RA4011 NRZ0034-0R0W
RA4012 NRZ0034-0R0W
- NOTE -
0 : NRSA63J-0R0X
RA4001 OPEN
RA4002 OPEN
RA4003 OPEN
RA4004 OPEN
RA4005 OPEN
RA4006 OPEN
SHEET 15



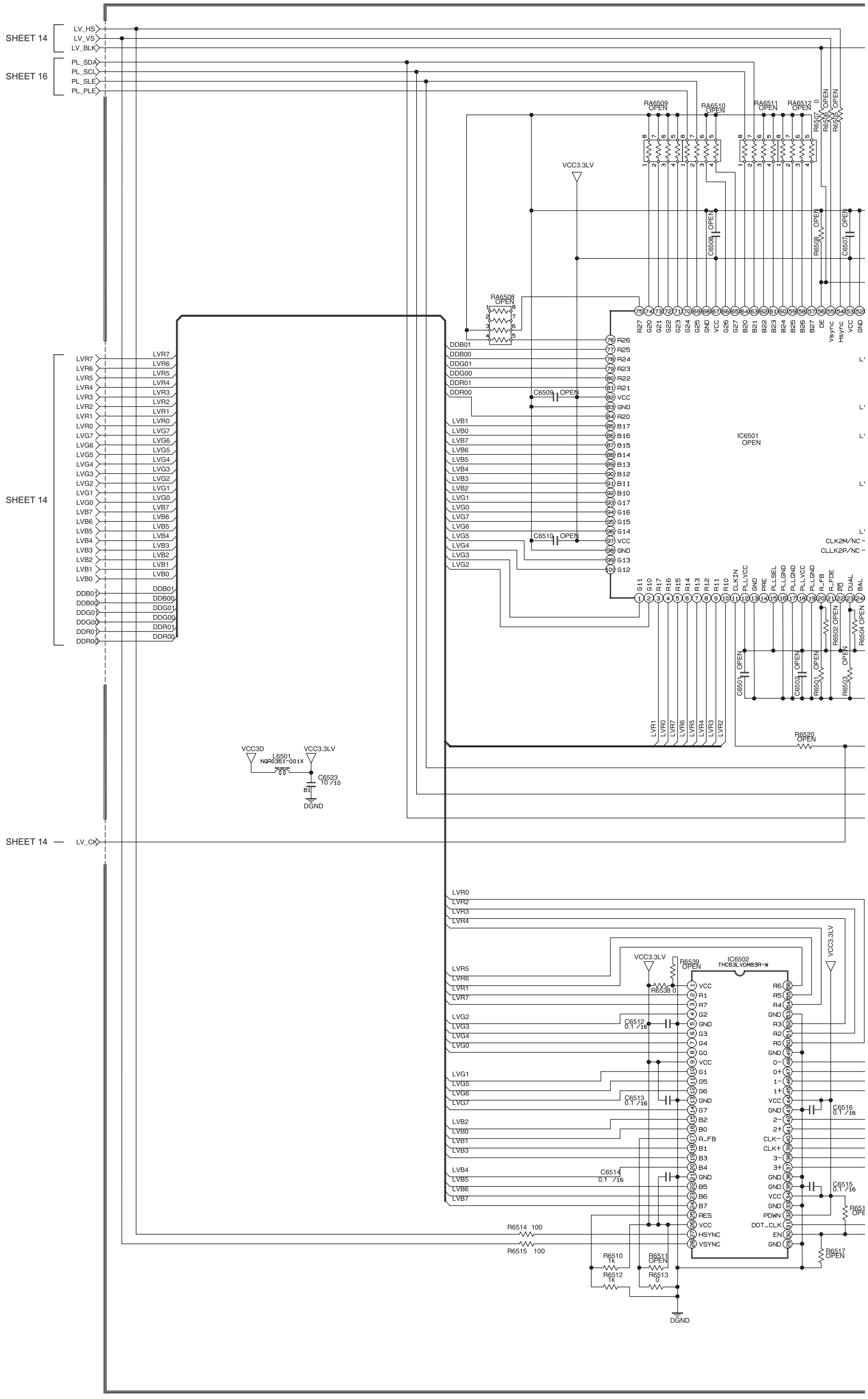
VCC3D
IC4007 OPEN
(SN74AHC1G08K-X)
DGND
R4151 OPEN
(4.7k)
(1SS376-X)
D4001 OPEN
C4028 OPEN
IC4006 OPEN
C4024 OPEN
C4025 OPEN
C4026 OPEN
C4027 OPEN
R4066 OPEN
R4067 OPEN
DGND
R4058 220
R4057 220
R4064 0
R4065 0
(DTC143XE-X)
Q4002 OPEN
Tx5057
Rx5057
SHEET 17
P_MU
SHEET 18
ANA_DIM
57BUSY
BL_ON
PWM_DIM
SHEET 15
SHEET 18
SHEET 15
R4022 OPEN
R4023 OPEN
R4024 100
R4025 OPEN
R4027 10k
R4028 10k
R4026 10k
LCD5V
R4055 OPEN
R4108 OPEN
R4109 OPEN
R4069 OPEN
C4031 OPEN
Q4001 OPEN
DDR7
DDR6
DDR5
DDR4
DDR3
DDR2
DDR1
DDR0
DDR01
DDR00
SHEET 16
SHEET 15
DDB7
DDB6
DDB5
DDB4
DDB3
DDB2
DDB1
DDB0
DDB01
DDB00
SHEET 16
SHEET 15
DDG7
DDG6
DDG5
DDG4
DDG3
DDG2
DDG1
DDG0
DDG01
DDG00
SHEET 16
SHEET 15
X4001 NAX0669-001X
C4018 OPEN
C4019 OPEN
VCC1.5D
R4063 OPEN
R4035 10k
R4106 100
R4105 100
R4042 0
R4043 OPEN
R4045 OPEN
C4020 1/10
L4001
NQR0413-003X
R4046 10k
R4047 OPEN
R4048 OPEN
R4049 OPEN
R4050 OPEN
SCL3A
SDA3A
SHEET 9, 11, 18
IC4004
24LC256-I/SM-X
NC0
NC1
NC2
GND
VCC
WP
SCL
SDA
C4022 0.1
C4030 47p
C4029 47p
R4104 0
R4103 0
R4102 0
R4101 0
LV_HS
LV_BLK
LV_VS
LV_CK
SHEET 15
R4051 OPEN
R4052 0
R4053 OPEN
R4054 OPEN
DDCK
RGBVS
RGBBLK
DDHS
SHEET 16
R4056 1k
MICON_V
SHEET 13, 18
R4059 0
CSZ0
RDZ
WRSTBZ
P10_TXD
PO3_PWM
PO1
PO0
3.3VD
1.5VDD
N.C
XTO
XTI
DDQ
SDA2
SCL2
SDA1
SCL1
SDA0
SCL0
AGND
AVDD
NMI
MODE
DRSTZ
DCK
DMS
DDI
TMODE0
TMODE1
TMODE2
N.C
3.3VDD
3.3GND
1.5GND
1.5VDD
DCKO
DVDO
DBLKO
DHDO
DRVDD

DIGITAL SIGNAL PWB ASS'Y(6/11)

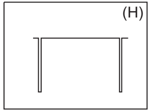
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (7/11) SHEET 15

MODE PIN NO.	DC (V)
IC6502	
1	3.3
2	0
3	0.6
4	0.4
5	0
6	0.5
7	0.5
8	1.1
9	3.3
10	1
11	0.5
12	0.5
13	0
14	0
15	0.7
16	0.6
17	0
18	1
19	0.8
20	0.6
21	0
22	0.7
23	0.6
24	0.1
25	1.7
26	0.1
27	3.3
28	0
29	0
30	3.3
31	0.6
32	3.3
33	0
34	3.3
35	0
36	0
37	1.2
38	1.3
39	1.2
40	1.2
41	1.2
42	1.3
43	0
44	3.3
45	0
46	1.4
47	1.4
48	0
49	0
50	0
51	0.7
52	0.7
53	0
54	0.6
55	0.7
56	0.6
CN0LV2	
1	0
2	0
3	1.3
4	1.2
5	0
6	0
7	1.3
8	1
9	0.1
10	0
11	1.3
12	1.2
13	0
14	0
15	0
16	1.3
17	0
18	0
19	1.3
20	0
21	0
22	3.2
23	0
24	0
25	0
26	0
27	3
28	0
29	3
30	0
31	0

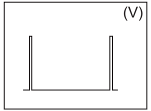

SHEET 14
LV_HS
LV_VS
LV_BLK
SHEET 16
PL_SDA
PL_SCL
PL_SLE
PL_PLE
RA6509 OPEN
RA6510 OPEN
RA6511 OPEN
RA6512 OPEN
VCC3.3LV
RA6508 OPEN
C6508 OPEN
R6506 OPEN
C6507 OPEN
C6509 OPEN
C6510 OPEN
IC6501 OPEN
CLK2M/NC
CLK2P/NC
R6502 OPEN
R6504 OPEN
C6501 OPEN
C6502 OPEN
R6501 OPEN
R6503 OPEN
R6520 OPEN
VCC3D
L6501 NQR0351-001X
C6523 10 / 10
DGND
SHEET 14
LV_CK
IC6502 THC63LVDM83R-W
R6539 OPEN
R6538 0
C6512 0.1 / 16
C6513 0.1 / 16
C6514 0.1 / 16
C6516 0.1 / 16
C6515 0.1 / 16
R6514 100
R6515 100
R6510 1k
R6511 OPEN
R6512 1k
R6513 0
R6517 OPEN
DGND

IC6502-27



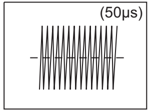
3.2 Vp-p

IC6502-28



3.2 Vp-p

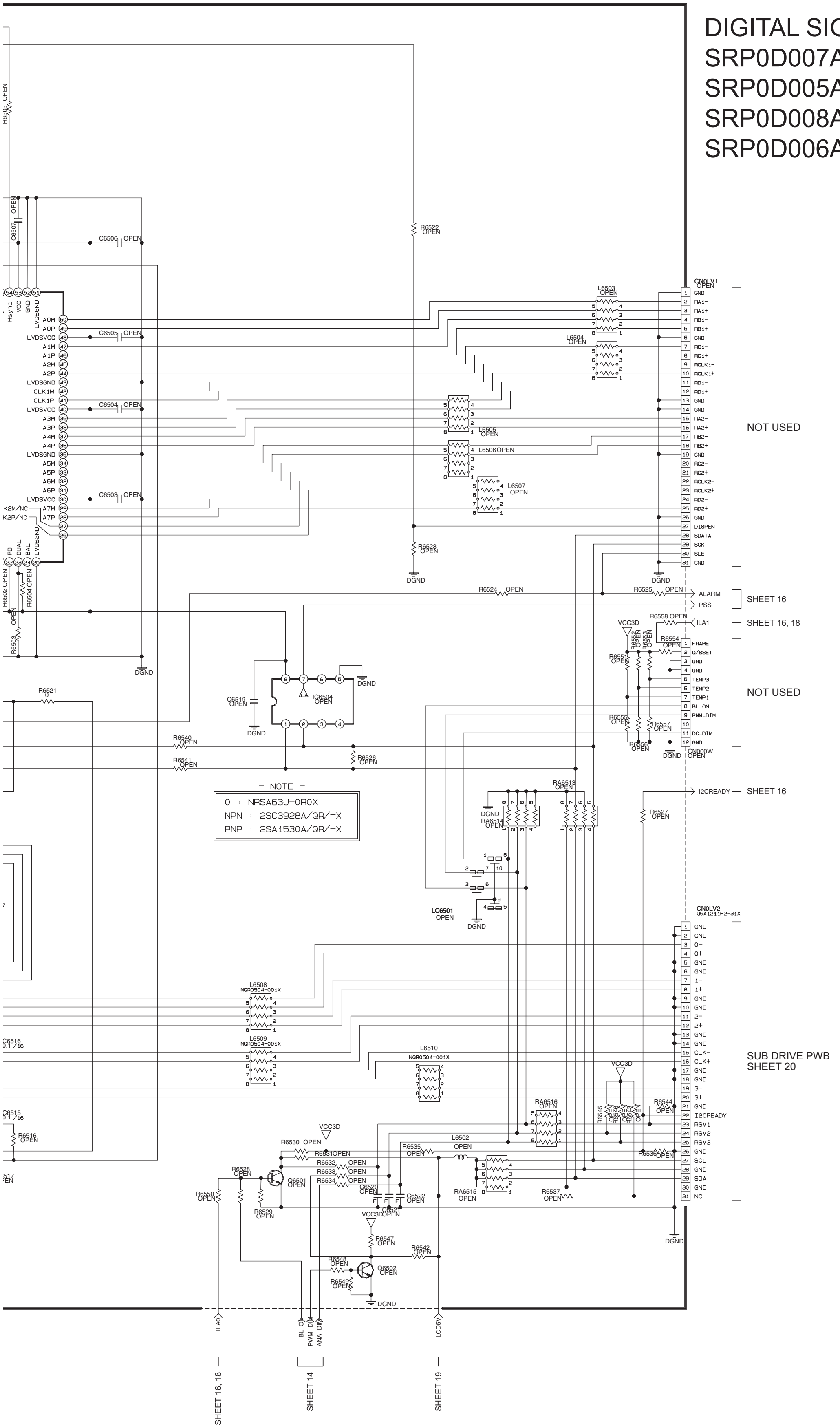
IC6502-31



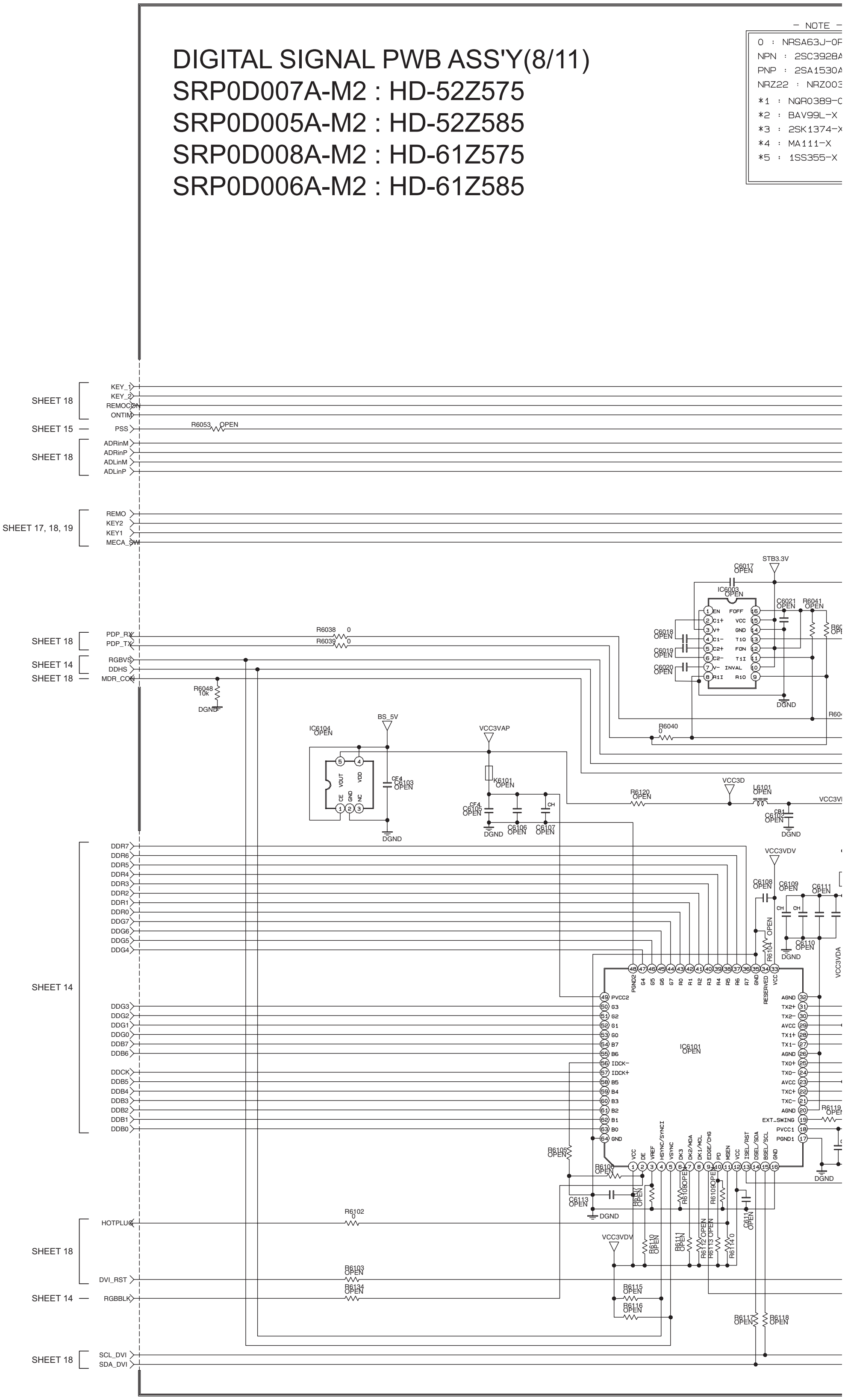
5.0 Vp-p

DIGITAL SIGNAL PWB ASS'Y(7/11)

SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

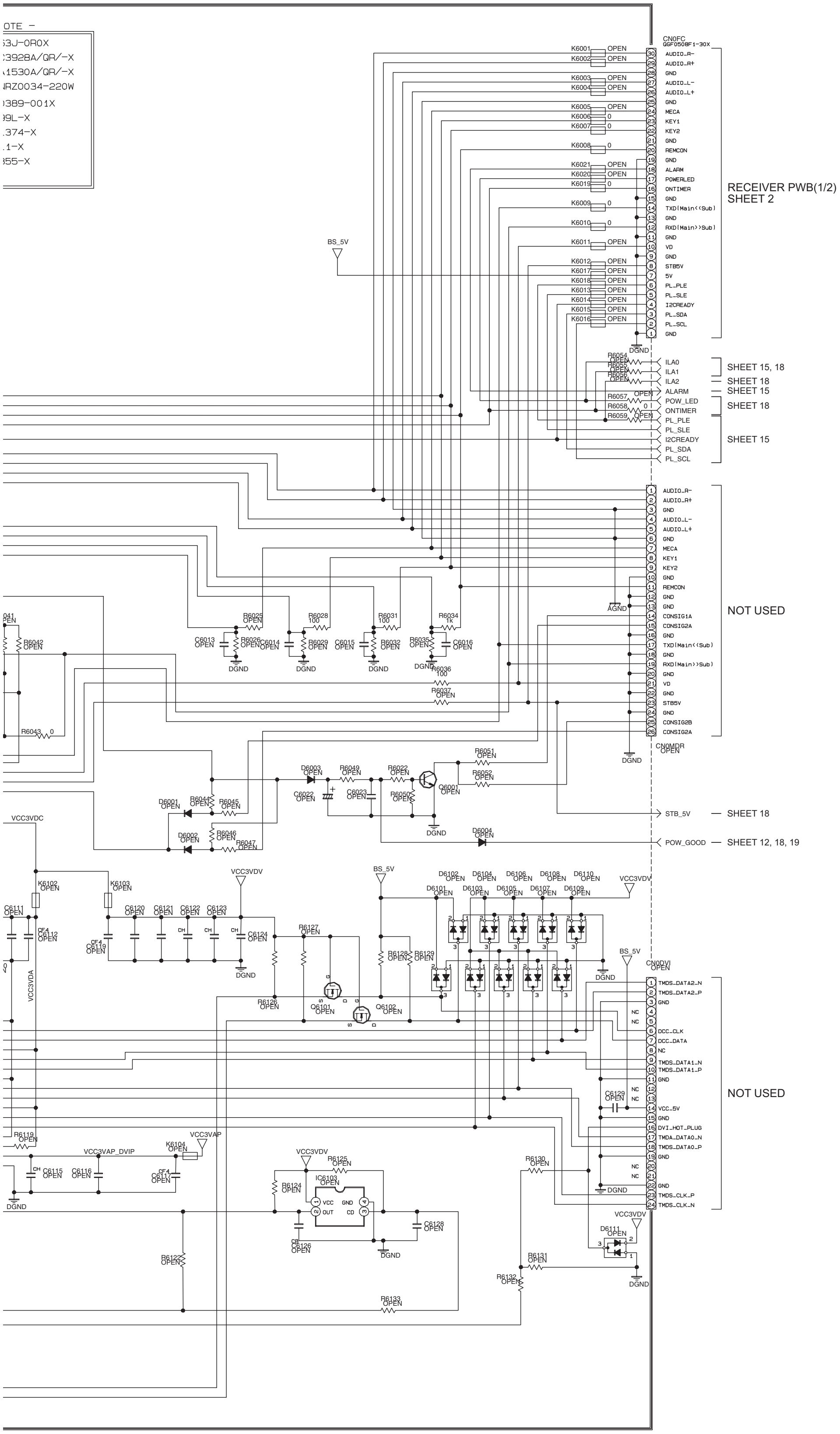


CN0LV1 OPEN
1 GND
2 RA1-
3 RA1+
4 RB1-
5 RB1+
6 GND
7 RC1-
8 RC1+
9 RCLK1-
10 RCLK1+
11 RD1-
12 RD1+
13 GND
14 GND
15 RA2-
16 RA2+
17 RB2-
18 RB2+
19 GND
20 RC2-
21 RC2+
22 RCLK2-
23 RCLK2+
24 RD2-
25 RD2+
26 GND
27 DISPEN
28 SDATA
29 SCK
30 SLE
31 GND
NOT USED
ALARM
PSS
SHEET 16
ILA1
SHEET 16, 18
1 FRAME
2 O/SSET
3 GND
4 GND
5 TEMP3
6 TEMP2
7 TEMP1
8 BL-ON
9 PWM_DIM
10
11 DC_DIM
12 GND
CN000W OPEN
NOT USED
I2CREADY
SHEET 16
CN0LV2
QGA1211F2-31X
1 GND
2 GND
3 0-
4 0+
5 GND
6 GND
7 1-
8 1+
9 GND
10 GND
11 2-
12 2+
13 GND
14 GND
15 CLK-
16 CLK+
17 GND
18 GND
19 3-
20 3+
21 GND
22 I2CREADY
23 RSV1
24 RSV2
25 RSV3
26 GND
27 SCL
28 GND
29 SDA
30 GND
31 NC
SUB DRIVE PWB
SHEET 20
Hsync
VCC
GND
LVDSGND
A0M
A0P
LVDSVCC
A1M
A1P
A2M
A2P
LVDSGND
CLK1M
CLK1P
LVDSVCC
LVDSVCC
A3M
A3P
A4M
A4P
LVDSGND
A5M
A5P
A6M
A6P
LVDSVCC
K2M/NC
A7M
K2P/NC
A7P
PD
DUAL
BAL
LVDSGND
R6518 OPEN
C6507 OPEN
C6506 OPEN
C6505 OPEN
C6504 OPEN
C6503 OPEN
R6522 OPEN
R6523 OPEN
L6503 OPEN
L6504 OPEN
L6505 OPEN
L6506 OPEN
L6507 OPEN
R6502 OPEN
R6504 OPEN
R6503
DGND
R6524 OPEN
R6525 OPEN
R6558 OPEN
VCC3D
R6554 OPEN
R6551 OPEN
R6552 OPEN
R6553 OPEN
R6555 OPEN
R6556 OPEN
R6557 OPEN
R6521 0
C6519 OPEN
IC6504 OPEN
R6540 OPEN
R6541 OPEN
R6526 OPEN
- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
RA6513 OPEN
RA6514 OPEN
R6527 OPEN
LC6501 OPEN
L6508 NQR0504-001X
L6509 NQR0504-001X
L6510 NQR0504-001X
C6516 0.1 /16
C6515 0.1 /16
R6516 OPEN
RA6516 OPEN
R6545
R6544 OPEN
R6530 OPEN
R6531 OPEN
R6532 OPEN
R6533 OPEN
R6534 OPEN
R6535 OPEN
L6502 OPEN
R6536 OPEN
R6528 OPEN
Q6501 OPEN
R6529 OPEN
R6550 OPEN
C6520 OPEN
C6521 OPEN
C6522 OPEN
RA6515 OPEN
R6537 OPEN
R6547 OPEN
R6542 OPEN
R6548 OPEN
Q6502 OPEN
R6549 OPEN
ILA0
BL_ON
PWM_DIM
ANA_DIM
LCD5V
SHEET 16, 18
SHEET 14
SHEET 19



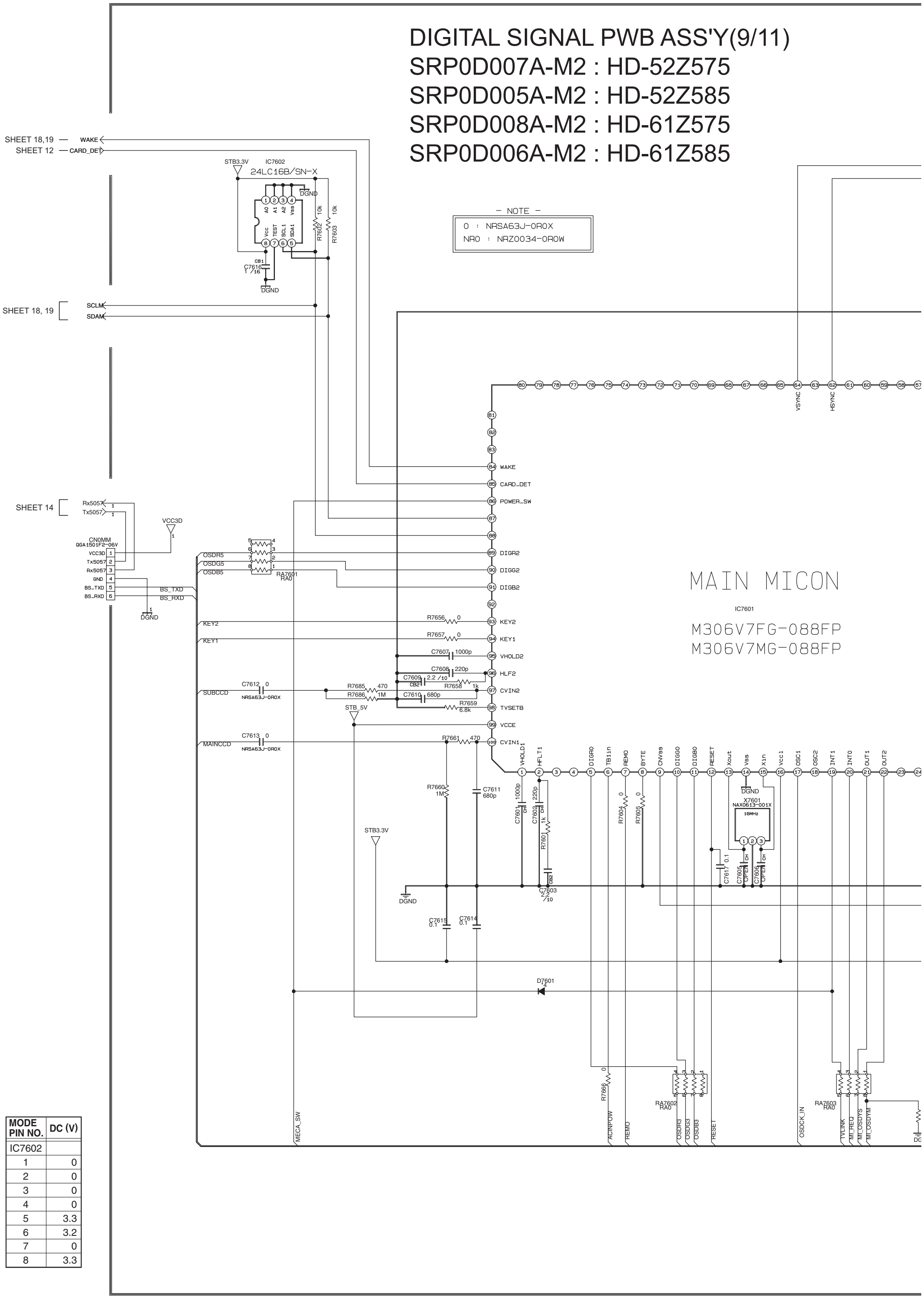
DIGITAL SIGNAL PWB ASS'Y(8/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

- NOTE -
0 : NRSA63J-0F
NPN : 2SC3928A
PNP : 2SA1530A
NRZ22 : NRZ003
*1 : NQR0389-0
*2 : BAV99L-X
*3 : 2SK1374-X
*4 : MA111-X
*5 : 1SS355-X
SHEET 18
KEY_1
KEY_2
REMOCON
ONTIM
SHEET 15
PSS
R6053 OPEN
ADRinM
ADRinP
ADLinM
ADLinP
SHEET 17, 18, 19
REMO
KEY2
KEY1
MECA_SW
STB3.3V
C6017 OPEN
IC6003 OPEN
C6021 OPEN
R6041 OPEN
EN FOFF
C1+ VCC
V+ GND
C1- T1O
C2+ FON
C2- T1I
V- INVAL
R1I R1O
C6018 OPEN
C6019 OPEN
C6020 OPEN
DGND
PDP_RX
PDP_TX
R6038 0
R6039 0
SHEET 14
RGBVS
DDHS
MDR_CON
R6048 10k
DGND
R6040 0
BS_5V
IC6104 OPEN
VOUT VDD
CE GND NC
CF4 C6103 OPEN
VCC3VAP
K6101 OPEN
CF4 C6105 OPEN
C6106 OPEN
C6107 OPEN
CH
R6120 OPEN
VCC3D
L6101 OPEN
C6102 OPEN
VCC3V
DDR7
DDR6
DDR5
DDR4
DDR3
DDR2
DDR1
DDR0
DDG7
DDG6
DDG5
DDG4
DDG3
DDG2
DDG1
DDG0
DDB7
DDB6
DDCK
DDB5
DDB4
DDB3
DDB2
DDB1
DDB0
VCC3VDV
C6108 OPEN
C6109 OPEN
C6111 OPEN
C6110 OPEN
R6104 OPEN
VCC3VDA
IC6101 OPEN
PGND2 G4 G5 G6 G7 R0 R1 R2 R3 R4 R5 R6 R7 GND RESERVED VCC
PVCC2 G3 G2 G1 G0 B7 B6 IDCK- IDCK+ B5 B4 B3 B2 B1 B0 GND
AGND TX2+ TX2- AVCC TX1+ TX1- AGND TX0+ TX0- AVCC TXC+ TXC- AGND EXT_SWING PVCC1 PGND1
VCC DE VREF HSYNC/SYNCI VSYNC DK3 DK2/MDA DK1/MCL EDGE/CHG PD MSEN VCC ISEL/RST BSEL/SDA DSEL/SCL GND
R6119 OPEN
R6105 OPEN
R6106 OPEN
R6107 OPEN
R6108 OPEN
R6109 OPEN
C6113 OPEN
C6112 OPEN
R6110 OPEN
R6111 OPEN
R6112 OPEN
R6113 OPEN
R6114 0
HOTPLUG
R6102 0
VCC3VDV
DVI_RST
R6103 OPEN
RGBBLK
R6134 OPEN
R6115 OPEN
R6116 OPEN
R6117 OPEN
R6118 OPEN
SCL_DVI
SDA_DVI

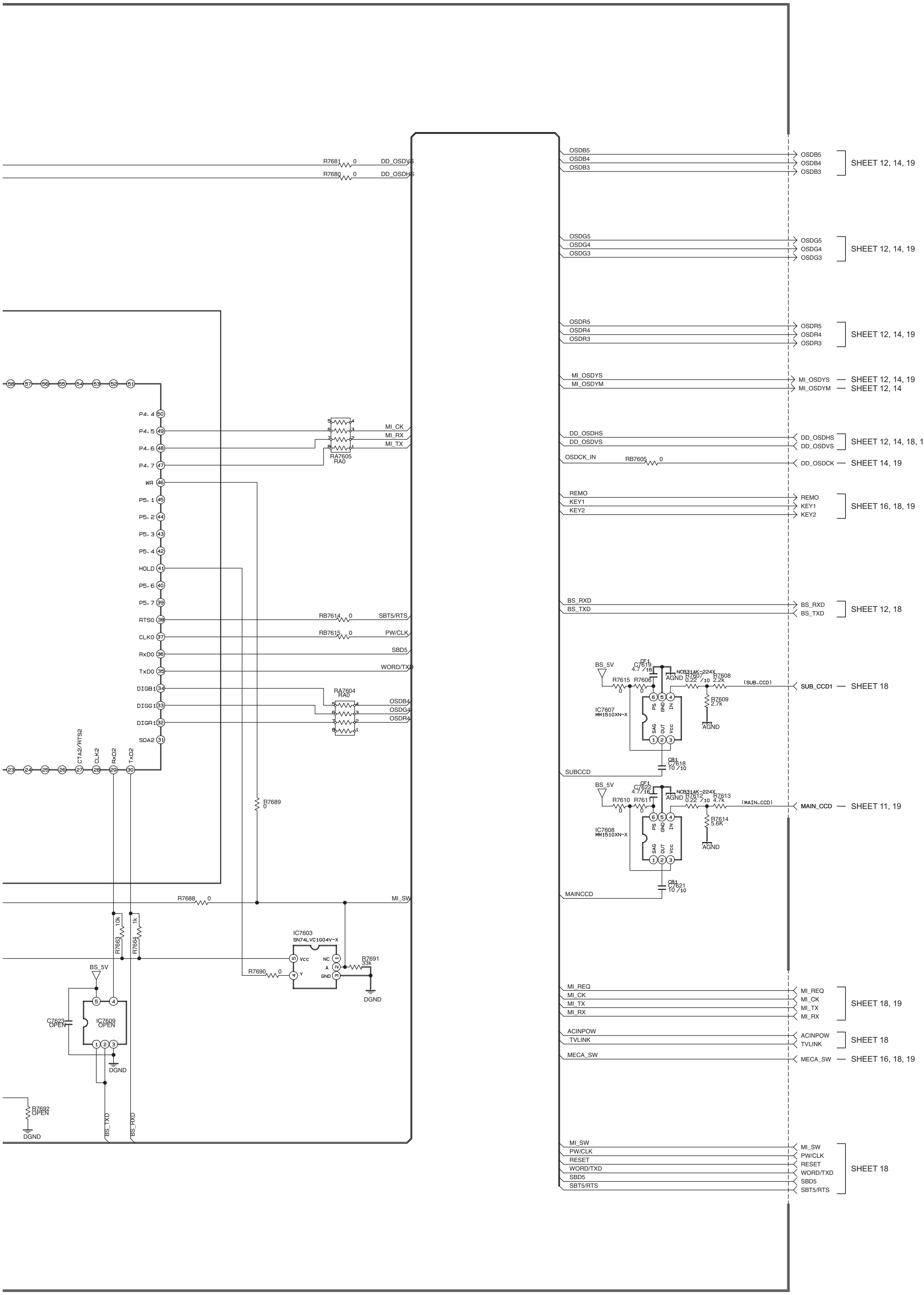

CN0FC
GGF0508F1-30X
AUDIO_R-
AUDIO_R+
GND
AUDIO_L-
AUDIO_L+
MECA
KEY1
KEY2
REMCON
ALARM
POWERLED
ONTIMER
TXD(Main<<Sub)
RXD(Main>>Sub)
VD
STB5V
5V
PL_PLE
PL_SLE
I2CREADY
PL_SDA
PL_SCL
RECEIVER PWB(1/2)
SHEET 2
ILA0
ILA1
ILA2
POW_LED
SHEET 15, 18
SHEET 18
SHEET 15
CONSIG1A
CONSIG2A
CONSIG2B
NOT USED
CN0MDR
OPEN
STB_5V
POW_GOOD
SHEET 12, 18, 19
BS_5V
DGND
AGND
VCC3VDC
VCC3VDV
VCC3VDA
VCC3VAP
VCC3VAP_DVIP
CN0DVI
TMDS_DATA2_N
TMDS_DATA2_P
DCC_CLK
DCC_DATA
NC
TMDS_DATA1_N
TMDS_DATA1_P
VCC_5V
DVI_HOT_PLUG
TMDA_DATA0_N
TMDS_DATA0_P
TMDS_CLK_P
TMDS_CLK_N
IC6103
VCC
GND
OUT
CD
Q6001
Q6101
Q6102
D6111
OPEN

DIGITAL SIGNAL PWB ASS'Y(9/11)

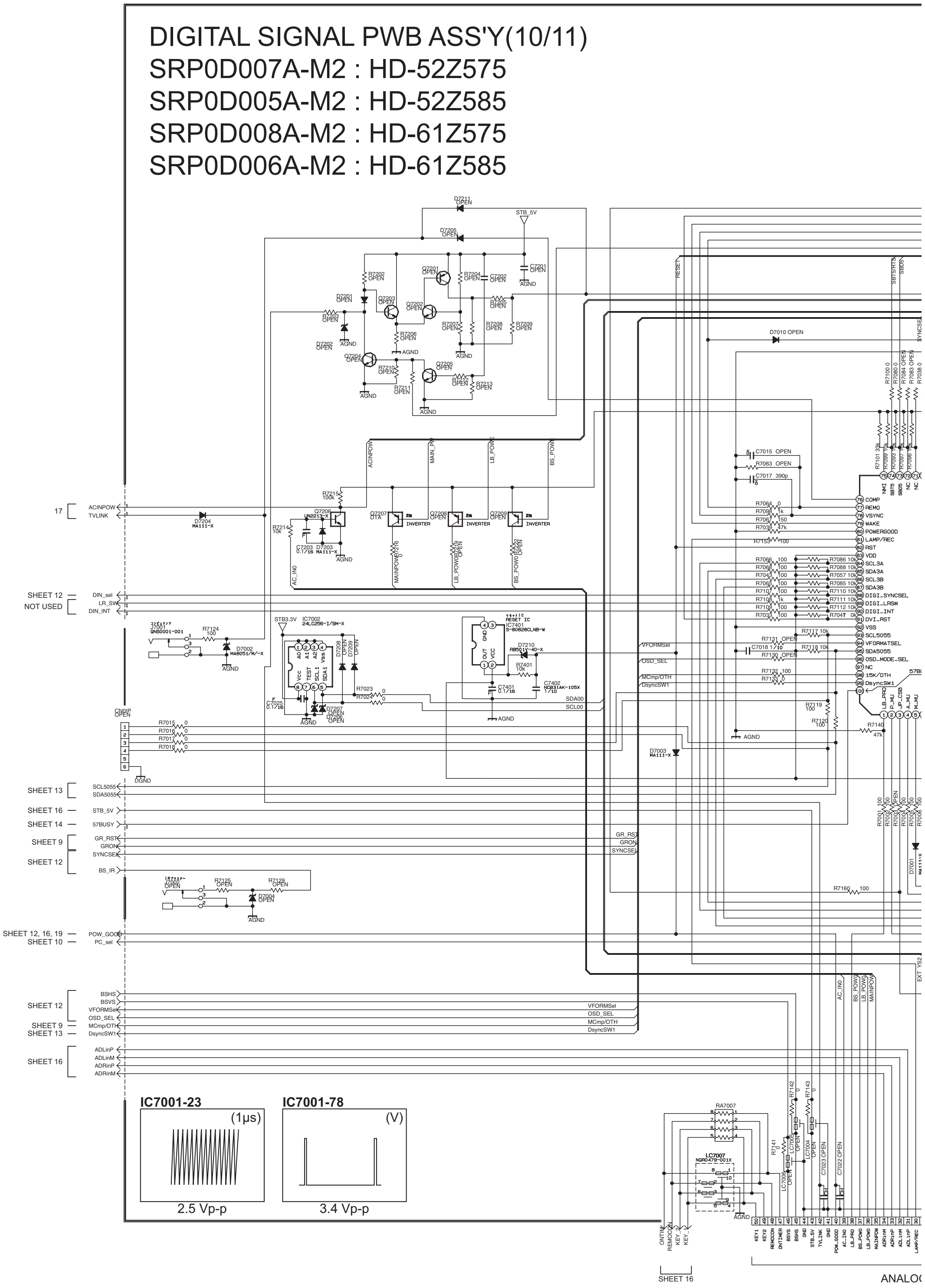
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

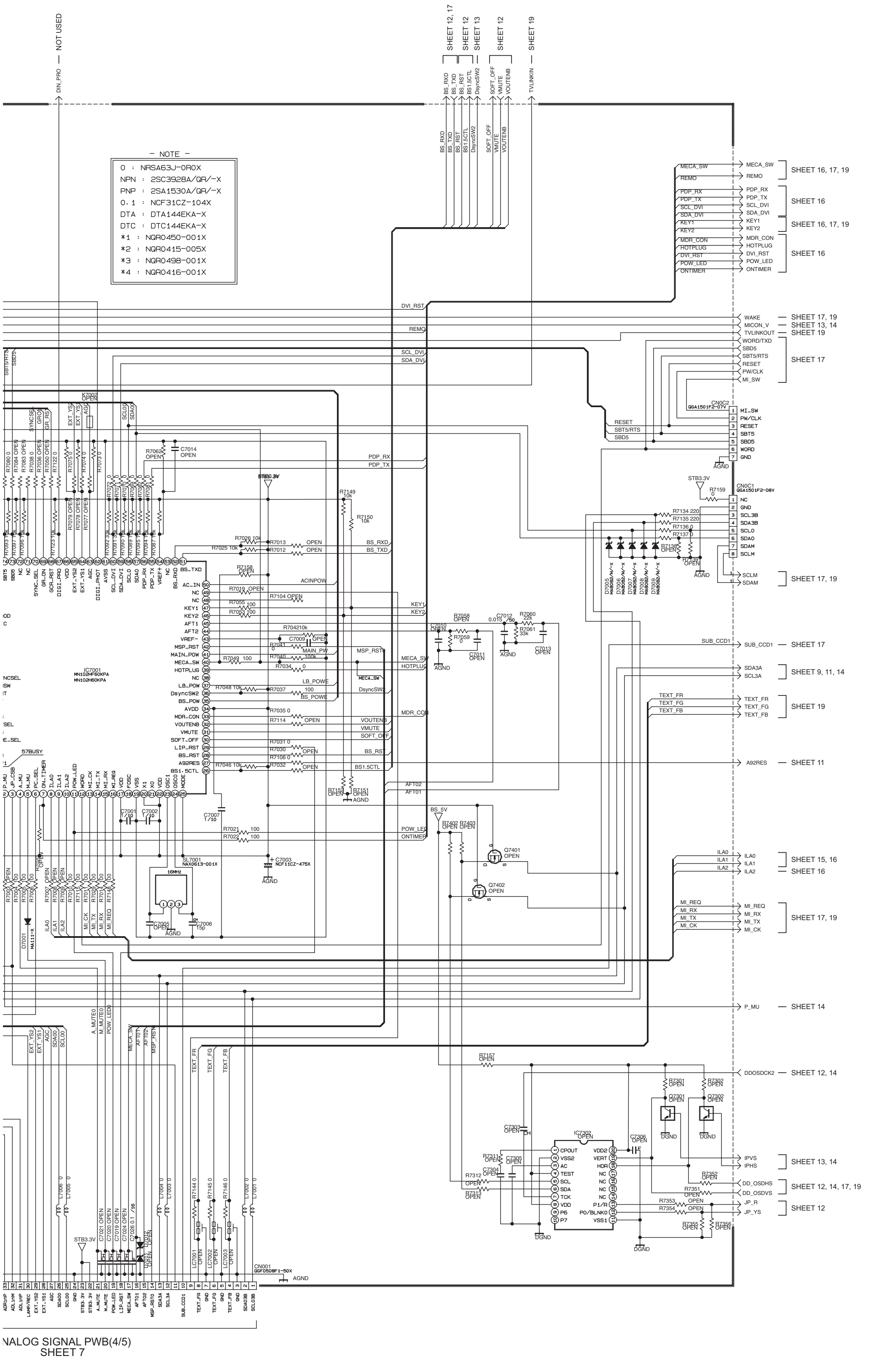

SHEET 18,19 — WAKE
SHEET 12 — CARD_DET
STB3.3V
IC7602
24LC16B/SN-X
DGND
A0
A1
A2
Vss
Vcc
TEST
SCL1
SDA1
R7602 10k
R7603 10k
CB1
C7616 1 /16
DGND
SHEET 18, 19
SCLM
SDAM
- NOTE -
0 : NRSA63J-0R0X
NR0 : NRZ0034-0R0W
SHEET 14
Rx5057
Tx5057
VCC3D
CN0MM
GGA1501F2-06V
VCC3D
Tx5057
Rx5057
GND
BS_TXD
BS_RXD
DGND
BS_TXD
BS_RXD
OSDR5
OSDG5
OSDB5
RA7601 RA0
KEY2
KEY1
SUBCCD
C7612 0
NRSA63J-0R0X
MAINCCD
C7613 0
NRSA63J-0R0X
R7656 0
R7657 0
C7607 1000p
C7608 220p
C7609 2.2 /10
CB2
R7658 1k
R7685 470
R7686 1M
C7610 680p
R7659 6.8k
STB_5V
R7661 470
R7660 1M
C7611 680p
STB3.3V
DGND
C7615 0.1
C7614 0.1
D7601
WAKE
CARD_DET
POWER_SW
DIGR2
DIGG2
DIGB2
KEY2
KEY1
VHOLD2
HLF2
CVIN2
TVSETB
VCCE
CVIN1
MAIN MICON
IC7601
M306V7FG-088FP
M306V7MG-088FP
VSYNC
HSYNC
VHOLD1
HFLT1
DIGR0
TBlin
REMO
BYTE
CNVss
DIGG0
DIGB0
RESET
Xout
Vss
Xin
Vcc1
OSC1
OSC2
INT1
INT0
OUT1
OUT2
C7601 1000p
C7602 220p
R7601 1k
CB2
C7603 2.2 /10
R7604 0
R7605 0
DGND
X7601
NAX0613-001X
16MHz
C7617 0.1
C7605 OPEN
C7606 OPEN
R7666 0
RA7602 RA0
RA7603 RA0
MECA_SW
AC/NPOW
REMO
OSDR3
OSDG3
OSDB3
RESET
OSDCK_IN
TVLINK
MI_REQ
MI_OSDYS
MI_OSDYM

MODE PIN NO.	DC (V)
IC7602	
1	0
2	0
3	0
4	0
5	3.3
6	3.2
7	0
8	3.3


R7681 0
DD_OSDVS
R7680 0
DD_OSDHS
OSDB5
OSDB4
OSDB3
SHEET 12, 14, 19
OSDG5
OSDG4
OSDG3
SHEET 12, 14, 19
OSDR5
OSDR4
OSDR3
SHEET 12, 14, 19
MI_OSDYS
MI_OSDYM
SHEET 12, 14, 19
SHEET 12, 14
DD_OSDHS
DD_OSDVS
SHEET 12, 14, 18, 19
OSDCK_IN
RB7605 0
DD_OSDCK
SHEET 14, 19
REMO
KEY1
KEY2
SHEET 16, 18, 19
BS_RXD
BS_TXD
SHEET 12, 18
P4.4
P4.5
P4.6
P4.7
WR
P5.1
P5.2
P5.3
P5.4
HOLD
P5.6
P5.7
RTS0
CLK0
RxD0
TxD0
DIGB1
DIGG1
DIGR1
SDA2
CTA2/RTS2
CLK2
RxD2
TxD2
RA7605 RA0
MI_CK
MI_RX
MI_TX
RB7614 0
SBT5/RTS
RB7615 0
PW/CLK
SBD5
WORD/TXD
RA7604 RA0
OSDB4
OSDG4
OSDR4
R7689 0
BS_5V
CF1 C7619 4.7 /16
NCP314K-224X R7607 0.22 /10
R7608 2.2K
R7615 0
R7606 0
AGND
(SUB_CCD)
SUB_CCD1
SHEET 18
R7609 2.7K
IC7607 MM1510XN-X
PS GND IN
SAG OUT Vcc
CB1 C7618 10 /10
SUBCCD
BS_5V
CF1 C7622 4.7 /16
NCP314K-224X R7612 0.22 /10
R7613 4.7K
R7610 0
R7611 0
AGND
(MAIN_CCD)
MAIN_CCD
SHEET 11, 19
R7614 5.6K
IC7608 MM1510XN-X
CB1 C7621 10 /10
MAINCCD
R7688 0
MI_SW
IC7603 SN74LVC1G04V-X
Vcc NC A GND Y
R7691 33K
R7690 0
DGND
R7663 10k
R7664 1k
BS_5V
C7623 OPEN
IC7609 OPEN
DGND
R7692 OPEN
DGND
BS_TXD
BS_RXD
MI_REQ
MI_CK
MI_TX
MI_RX
SHEET 18, 19
ACINPOW
TVLINK
SHEET 18
MECA_SW
SHEET 16, 18, 19
MI_SW
PW/CLK
RESET
WORD/TXD
SBD5
SBT5/RTS
SHEET 18

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (10/11) SHEET 18


DIGITAL SIGNAL PWB ASS'Y(10/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585
D7211 OPEN
STB_5V
D7205 OPEN
C7201 OPEN
Q7201 OPEN
R7202 OPEN
R7204 OPEN
C7202 OPEN
AGND
Q7203 OPEN
Q7202 OPEN
D7201 OPEN
R7203 OPEN
R7205 OPEN
R7207 OPEN
R7208 OPEN
R7209 OPEN
D7202 OPEN
R7206 OPEN
Q7204 OPEN
Q7205 OPEN
R7210 OPEN
R7211 OPEN
R7212 OPEN
R7213 OPEN
ACINPOW
MAIN_P
LB_POW
BS_POW
R7215 10k
Q7206 UN2213-X
Q7207 DTA
Q7208 OPEN
Q7209 OPEN
INVERTER
R7214 10k
C7203 0.1/16
D7203 MA111-X
MAINPOW
LB_POW
BS_POW
AC_IN0
17
ACINPOW
TVLINK
D7204 MA111-X
SHEET 12
NOT USED
DIN_sel
LR_SW
DIN_INT
R7124 100
D7002 MA8051/M/-X
AGND
STB3.3V
IC7002 24LC256-I/SM-X
A0 A1 A2 Vss Vcc TEST SCL SDA
D7208 OPEN
D7209 OPEN
R7023 0
R7024 0
C7025 0.1/16
D7207 OPEN
D7206 OPEN
RESET IC
IC7401 S-80828CLNB-W
GND OUT VCC
D7210 RB501V-40-X
R7401 10k
C7401 0.1/16
C7402 NCB31AK-105X 1/10
SDA00
SCL00
CN0IP OPEN
R7015 0
R7016 0
R7017 0
R7018 0
DGND
SHEET 13
SCL5055
SDA5055
SHEET 16
STB_5V
SHEET 14
57BUSY
SHEET 9
GR_RST
GRON
SYNCSEL
SHEET 12
BS_IR
R7125 OPEN
R7129 OPEN
D7004 OPEN
SHEET 12, 16, 19
SHEET 10
POW_GOOD
PC_sel
SHEET 12
BSHS
BSVS
VFORMSel
OSD_SEL
SHEET 9
SHEET 13
MCmp/OTH
DsyncSW1
SHEET 16
ADLinP
ADLinM
ADRinP
ADRinM
RESET
D7010 OPEN
C7015 OPEN
R7063 OPEN
C7017 390p
R7064 0
R7056 1k
R7055 150
R7065 47k
R7153 100
COMP
REMO
VSYNC
WAKE
POWERGOOD
LAMP/REC
RST
VDD
SCL3A
SDA3A
SCL3B
SDA3B
DIGI_SYNCSEL
DIGI_LRSW
DIGI_INT
DVI_RST
VSS
SCL5055
VFORMATSEL
SDA5055
OSD_MODE_SEL
NC
15K/OTH
DsyncSW1
R7131 OPEN
C7018 1/10
R7130 OPEN
R7117 10k
R7118 10k
R7132 100
R7119 100
R7120 100
R7140 47k
AGND
D7003 MA111-X
GR_RST
GRON
SYNCSEL
VFORMSel
OSD_SEL
MCmp/OTH
DsyncSW1
R7160 100
D7001 MA111-X
EXT YS2
AC_IN0
BS_POW
LB_POW
MAINPOW
RA7007
LC7007 NQR0479-001X
R7142 0
R7143 0
R7141 0
LC7005 OPEN
LC7006 OPEN
LC7004 OPEN
C7023 OPEN
C7022 OPEN
AGND
KEY1 KEY2 REMOCON ONTIMER BSHS BSVS GND GND STB_5V TVLINK GND POW_GOOD AC_IN0 LB_POW BS_POW MAINPOW ADRinM ADRinP ADLinM ADLinP LAMP/REC
ONTIM REMOCON KEY1 KEY2
SHEET 16
ANALOG
IC7001-23
(1μs)
2.5 Vp-p
IC7001-78
(V)
3.4 Vp-p



NOT USED
DIN_PRO
SHEET 12, 17
SHEET 12
SHEET 13
SHEET 12
SHEET 19
BS_RXD
BS_TXD
BS_RST
BS1.5CTL
DsyncSW2
SOFT_OFF
VMUTE
VOUTENB
TVLINKIN
MECA_SW
REMO
SHEET 16, 17, 19
PDP_RX
PDP_TX
SCL_DVI
SDA_DVI
SHEET 16
KEY1
KEY2
SHEET 16, 17, 19
MDR_CON
HOTPLUG
DVI_RST
POW_LED
ONTIMER
SHEET 16
WAKE
MICON_V
TVLINKOUT
SHEET 17, 19
SHEET 13, 14
SHEET 19
WORD/TXD
SBD5
SBT5/RTS
RESET
PW/CLK
MI_SW
SHEET 17
CN0C2
QGA1501F2-07V
CN0C1
QGA1501F2-08V
SCLM
SDAM
SHEET 17, 19
IC7001
MN103HF60KPA
MN102H60KPA
SUB_CCD1
SHEET 17
SDA3A
SCL3A
SHEET 9, 11, 14
TEXT_FR
TEXT_FG
TEXT_FB
SHEET 19
A92RES
SHEET 11
SL7001
NAX0613-001X
16MHz
Q7401
Q7402
ILA0
ILA1
ILA2
SHEET 15, 16
SHEET 16
MI_REQ
MI_RX
MI_TX
MI_CK
SHEET 17, 19
P_MU
SHEET 14
DDOSDCK2
SHEET 12, 14
IC7302
IPVS
IPHS
SHEET 13, 14
DD_OSDHS
DD_OSDVS
SHEET 12, 14, 17, 19
JP_R
JP_YS
SHEET 12
CN001
QGF0508F1-50X
AGND
DGND
STB3.3V

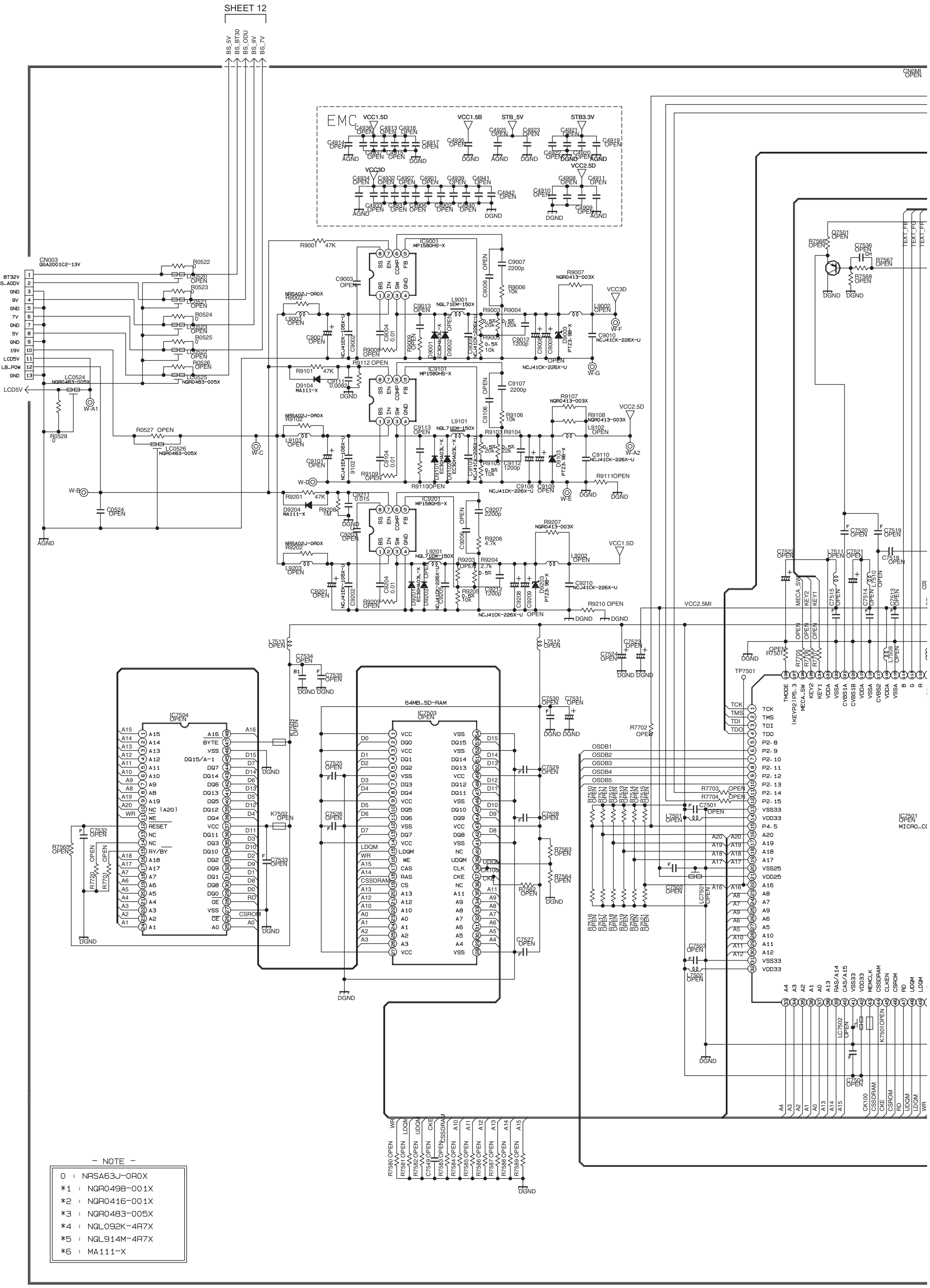
- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
0.1 : NCF31CZ-104X
DTA : DTA144EKA-X
DTC : DTC144EKA-X
*1 : NQR0450-001X
*2 : NQR0415-005X
*3 : NQR0498-001X
*4 : NQR0416-001X

NALOG SIGNAL PWB(4/5)
SHEET 7

MODE PIN NO.	DC (V)
IC7001	
1	3.3
2	0
3	3.3
4	0
5	0
6	0
7	0
8	3.3
9	3.3
10	0
11	3.3
12	3.3
13	0
14	3.3
15	3.3
16	3.3
17	3.3
18	0
19	0
20	3.3
21	3.3
22	3.3
23	1.6
24	1.4
25	3.3
26	0
27	0
28	0
29	0
30	0
31	0
32	3.3
33	0
34	3.3
35	0.5
36	3.3
37	0
38	0
39	0.3
40	0.2
41	0
42	0
43	0
44	0
45	0
46	0.4
47	0.4
48	3.3
49	0
50	2.6
51	3.3
52	3.3
53	0.5
54	3.3
55	3.9
56	3.3
57	3.3
58	3.3
59	3.3
60	3.3
61	0
62	3.3
63	1.7
64	0
65	0
66	3.3
67	3
68	3.3
69	3.3
70	3.3
71	3.3
72	0
73	3.3
74	3.3
75	3.2
76	3.3
77	3.6
78	0
79	3.2
80	0
81	3.3
82	3.3
83	0
84	3.3
85	3.3
86	3.3
87	3.3
88	0
89	0
90	3.3
91	0
92	0
93	3.3
94	0
95	3.3
96	3.2
97	0
98	0
99	3.3
100	3.3
IC7002	
1	0
2	0
3	0
4	0
5	3
6	3.1
7	0
8	3.3
IC7401	
1	3.3
2	3.3
3	0
4	0
Q7201	
E	4.8
C	0.3
B	4.2
Q7202	
E	4
C	4.3
B	2.3
Q7203	
E	4
C	4.8
B	4.4
Q7204	
E	0
C	4.7
B	0
Q7205	
E	0
C	0
B	0
Q7206	
E	0
C	2.5
B	0.6
Q7207	
E	3.2
C	3.2
B	0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (11/11) SHEET 19

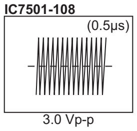

SHEET 12
BS_5V
BS_BT30
BS_ODU
BS_9V
BS_7V
POWER PWB(2/2)
SHEET 29
SHEET 15
LCD5V
CN003
EMC
VCC1.5D
VCC1.5B
STB_5V
STB3.3V
VCC3D
VCC2.5D
IC9001
MP1580HS-X
IC9101
MP1580HS-X
IC9201
MP1580HS-X
IC7504
OPEN
IC7503
OPEN
64MB_SD-RAM
IC7501
OPEN
MICRO_CO
VCC2.5MI
AGND
DGND

MODE PIN NO.	DC (V)
IC9001	
1	8
2	18
3	3.3
4	0
5	1.2
6	1.1
7	4.9
8	0
IC9101	
1	7.3
2	18
3	2.4
4	0
5	1.2
6	1.4
7	4.9
8	0
IC9201	
1	6.4
2	17.9
3	1.5
4	0
5	1.2
6	1.1
7	4.8
8	0
Q7501	
E	2.7
C	0
B	2.1
Q7508	
E	0
C	0
B	0

– NOTE –

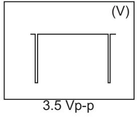
0 : NRSA63J-0R0X
*1 : NQR0498-001X
*2 : NQR0416-001X
*3 : NQR0483-005X
*4 : NQL092K-4R7X
*5 : NQL914M-4R7X
*6 : MA111-X

IC7501-108



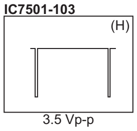
3.0 Vp-p

IC7501-102



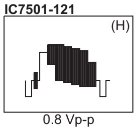
3.5 Vp-p

IC7501-103



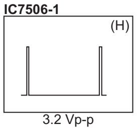
3.5 Vp-p

IC7501-121



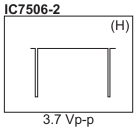
0.8 Vp-p

IC7506-1



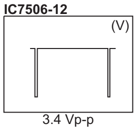
3.2 Vp-p

IC7506-2



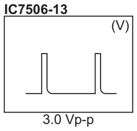
3.7 Vp-p

IC7506-12



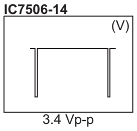
3.4 Vp-p

IC7506-13



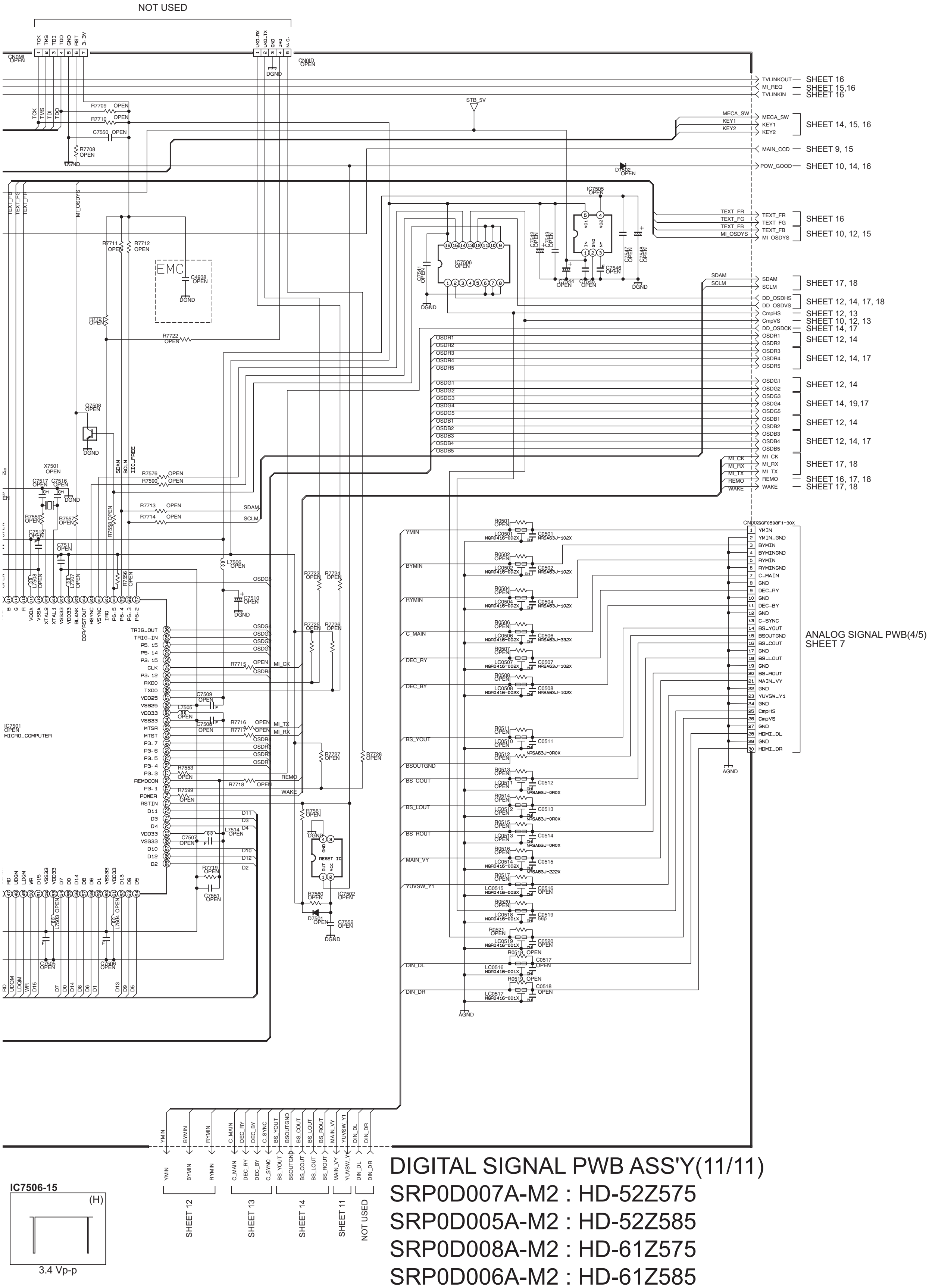
3.0 Vp-p

IC7506-14



3.4 Vp-p

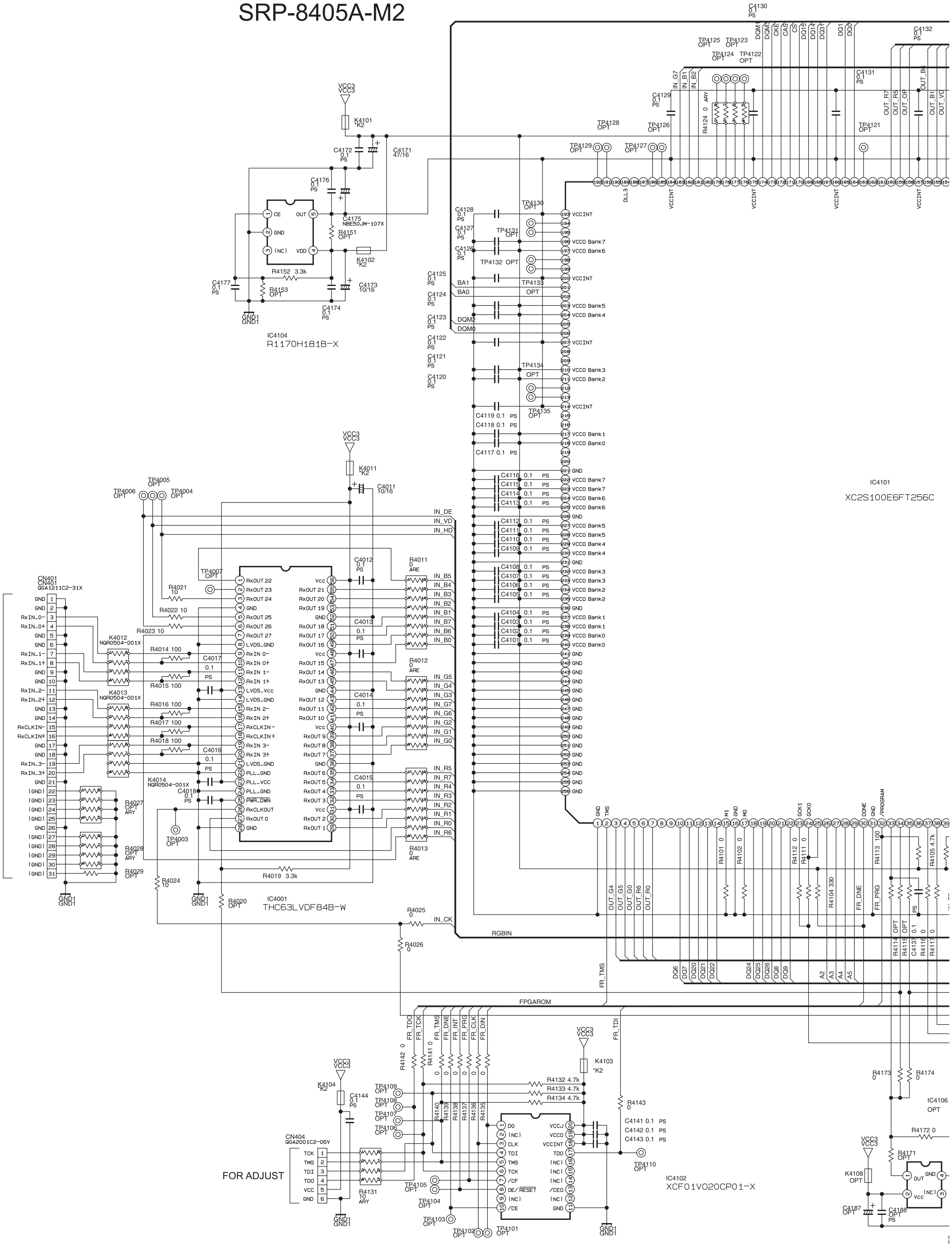
IC75


NOT USED
CN0MI OPEN
CN0ID OPEN
TCK
TMS
TDI
TDO
GND
RST
3.3V
UKD_RX
UKD_TX
GND
IRQ
N.C.
DGND
TVLINKOUT
SHEET 16
MI_REQ
SHEET 15,16
TVLINKIN
SHEET 16
STB_5V
MECA_SW
KEY1
KEY2
SHEET 14, 15, 16
MAIN_CCD
SHEET 9, 15
POW_GOOD
SHEET 10, 14, 16
D7502 OPEN
IC7505 OPEN
TEXT_FR
TEXT_FG
TEXT_FB
MI_OSDYS
SHEET 16
SHEET 10, 12, 15
IC7506 OPEN
EMC
C4938 OPEN
SDAM
SCLM
SHEET 17, 18
DD_OSDHS
DD_OSDVS
SHEET 12, 14, 17, 18
CmpHS
SHEET 12, 13
CmpVS
SHEET 10, 12, 13
DD_OSDCK
SHEET 14, 17
OSDR1
OSDR2
OSDR3
OSDR4
OSDR5
SHEET 12, 14
SHEET 12, 14, 17
OSDG1
OSDG2
OSDG3
OSDG4
OSDG5
SHEET 12, 14
SHEET 14, 19,17
OSDB1
OSDB2
OSDB3
OSDB4
OSDB5
SHEET 12, 14
SHEET 12, 14, 17
MI_CK
MI_RX
MI_TX
SHEET 17, 18
REMO
SHEET 16, 17, 18
WAKE
SHEET 17, 18
Q7508 OPEN
X7501 OPEN
IC7501 OPEN MICRO_COMPUTER
TRIG_OUT
TRIG_IN
CLK
RXD0
TXD0
MTSR
MTST
REMOCON
POWER
RSTIN
IC7502 OPEN
RESET IC
D7501 OPEN
CN002 QGF0508F1-30X
YMIN
YMIN_GND
BYMIN
BYMINGND
RYMIN
RYMINGND
C_MAIN
GND
DEC_RY
DEC_BY
C_SYNC
BS_YOUT
BSOUTGND
BS_COUT
BS_LOUT
BS_ROUT
MAIN_VY
YUVSW_Y1
CmpHS
CmpVS
HDMI_DL
HDMI_DR
ANALOG SIGNAL PWB(4/5)
SHEET 7
AGND
DIN_DL
DIN_DR
SHEET 12
SHEET 13
SHEET 14
SHEET 11
NOT USED
IC7506-15
(H)
3.4 Vp-p

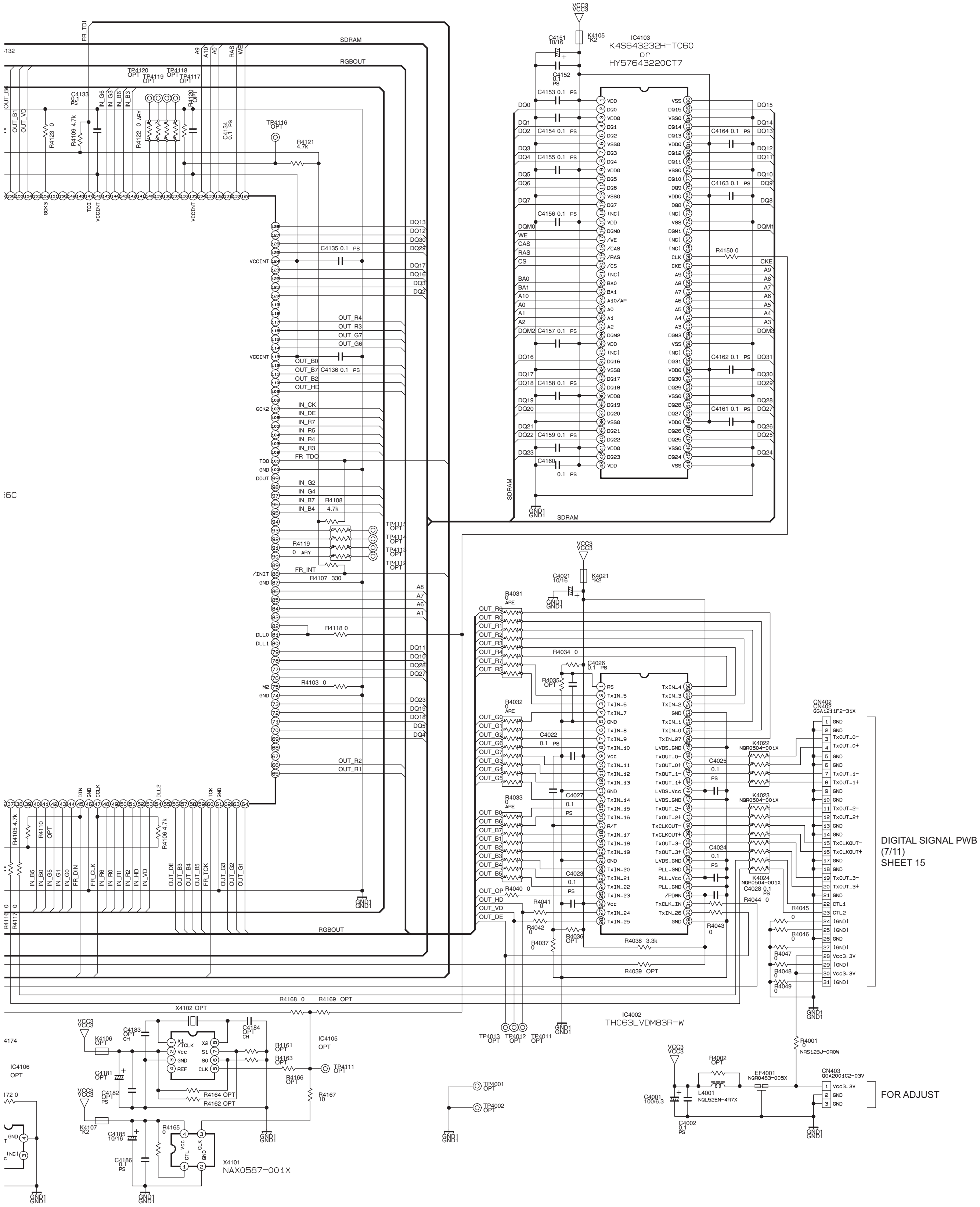
DIGITAL SIGNAL PWB ASS'Y(11/11)

SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

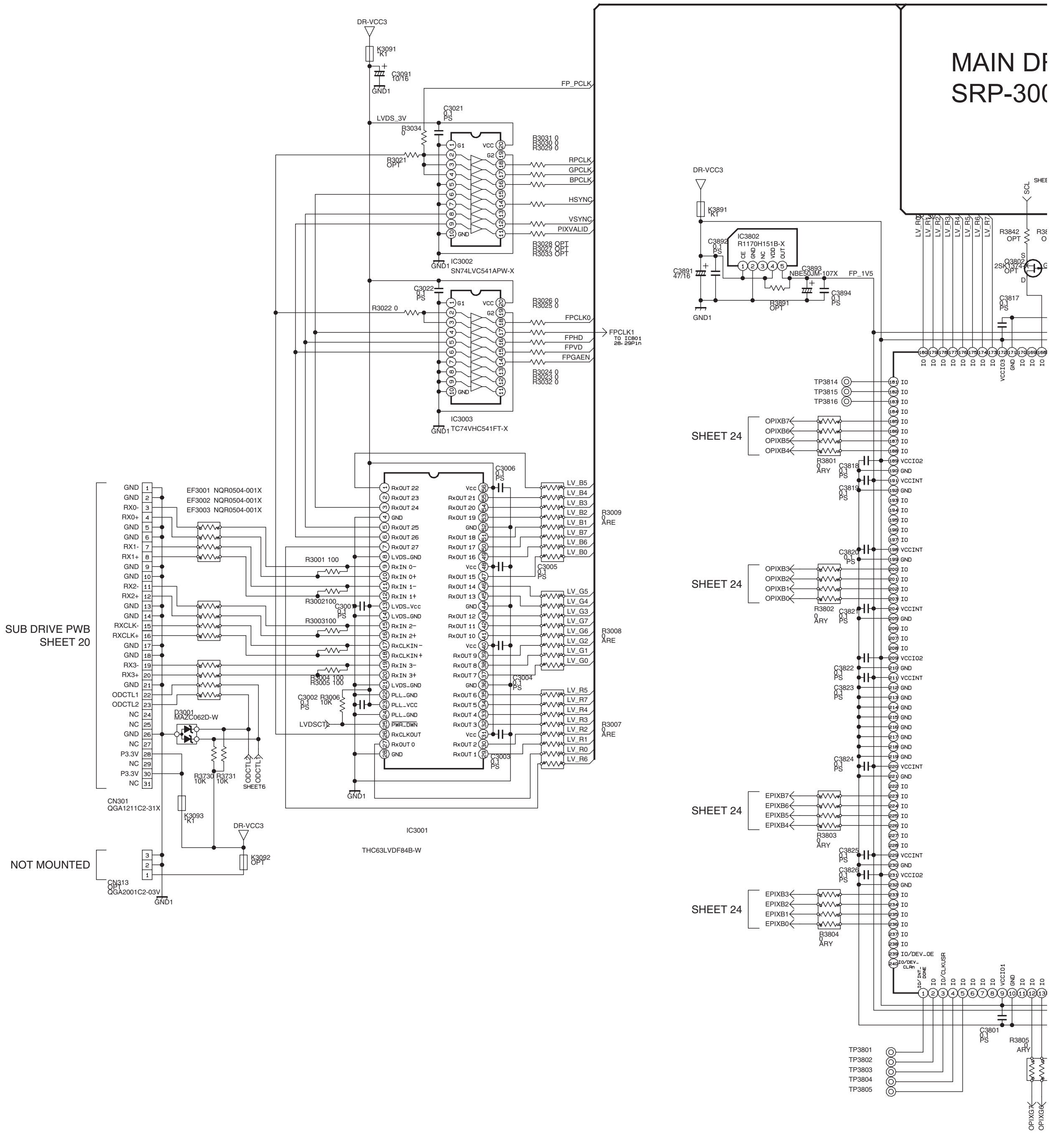
SUB DRIVE PWB ASS'Y
SRP-8405A-M2



IC4101
XC2S100E6FT256C
IC4104
R1170H181B-X
IC4001
THC63LVDF84B-W
IC4102
XCF01V020CP01-X
IC4106
CN401
GGA1211C2-31X
CN404
GGA2001C2-06V
MAIN DRIVE PWB(1/7)
SHEET 21
FOR ADJUST
VCC3
GND1
K4101
K4102
K4011
K4103
K4104
K4108
K4012
NQR0504-001X
K4013
NQR0504-001X
K4014
NQR0504-001X
C4171 47/16
C4175 NBE50JM-107X
C4173 10/16
C4011 10/16
R4152 3.3k
R4019 3.3k
R4132 4.7k
R4133 4.7k
R4134 4.7k
R4105 4.7k
R4104 330
R4113 100
R4014 100
R4015 100
R4016 100
R4017 100
R4018 100
R4021 10
R4022 10
R4023 10
R4024 10
R4131 10
IN_DE
IN_VD
IN_HD
IN_CK
IN_B0
IN_B1
IN_B2
IN_B3
IN_B4
IN_B5
IN_B6
IN_B7
IN_G0
IN_G1
IN_G2
IN_G3
IN_G4
IN_G5
IN_G6
IN_G7
IN_R0
IN_R1
IN_R2
IN_R3
IN_R4
IN_R5
IN_R6
IN_R7
RGBIN
FPGAROM
FR_TDO
FR_TCK
FR_TMS
FR_DNE
FR_INT
FR_PRG
FR_CLK
FR_DIN
FR_TDI
BA0
BA1
DQM0
DQM2
OUT_G4
OUT_G5
OUT_G0
OUT_R6
OUT_R0
OUT_R7
OUT_R5
OUT_OP
OUT_B1
OUT_VD
VCCINT
VCCO Bank0
VCCO Bank1
VCCO Bank2
VCCO Bank3
VCCO Bank4
VCCO Bank5
VCCO Bank6
VCCO Bank7
GND
TCK
TMS
TDI
TDO
VCC

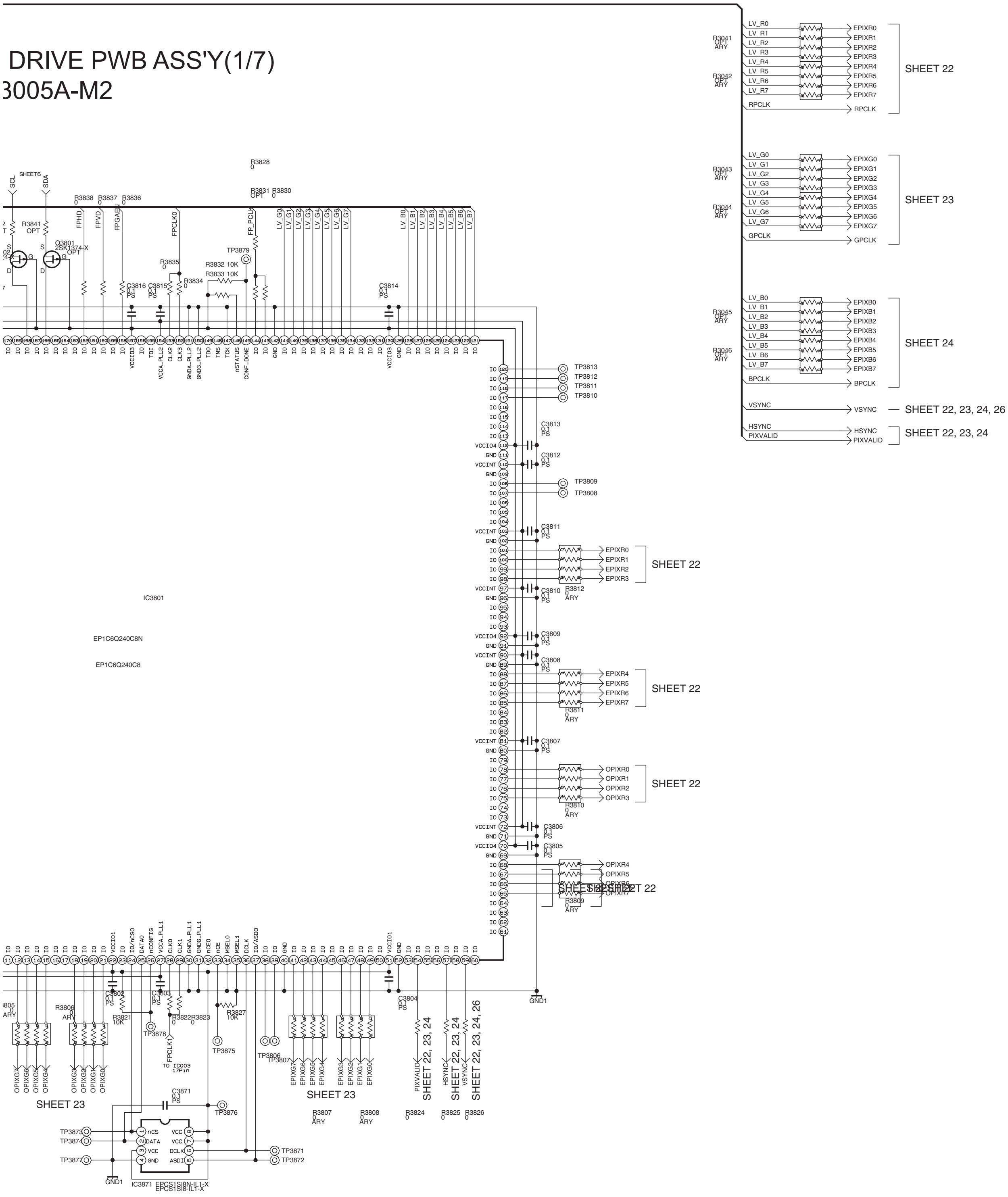

SDRAM
RGBOUT
IC4103
K4S643232H-TC60
or
HY57643220CT7
VCC3
C4151 10/16
K4105 K2
C4152 0.1 PS
C4153 0.1 PS
C4154 0.1 PS
C4155 0.1 PS
C4156 0.1 PS
C4157 0.1 PS
C4158 0.1 PS
C4159 0.1 PS
C4160 0.1 PS
C4161 0.1 PS
C4162 0.1 PS
C4163 0.1 PS
C4164 0.1 PS
R4150 0
GND1
TP4120 OPT
TP4119 OPT
TP4118 OPT
TP4117 OPT
TP4116 OPT
TP4115 OPT
TP4114 OPT
TP4113 OPT
TP4112 OPT
R4121 4.7k
R4122 0 ARY
R4109 4.7k
R4123 0
C4133 0.1
C4134 0.1 PS
C4135 0.1 PS
C4136 0.1 PS
R4108 4.7k
R4119 0 ARY
R4107 330
R4118 0
R4103 0
R4105 4.7k
R4110 OPT
R4106 4.7k
R4116 0
R4117 0
R4168 0
R4169 OPT
X4102 OPT
VCCINT
GCK2
GCK3
TDO
TDI
DOUT
/INIT
DLL0
DLL1
M2
GND
DIN
CCLK
DLL2
TCK
IC4002
THC63LVDM83R-W
VCC3
C4021 10/16
K4021 K2
R4031 0 ARE
R4032 0 ARE
R4033 0 ARE
R4034 0
R4035 OPT
C4026 0.1 PS
C4022 0.1 PS
C4027 0.1 PS
C4023 0.1 PS
C4024 0.1 PS
C4025 0.1 PS
C4028 0.1 PS
R4040 0
R4041 0
R4042 0
R4036 OPT
R4037 0
R4038 3.3k
R4039 OPT
R4043 0
R4044 0
R4045 0
R4046 0
R4047 0
R4048 0
R4049 0
K4022 NQR0504-001X
K4023 NQR0504-001X
K4024 NQR0504-001X
CN402
QGA1211F2-31X
1 GND
2 GND
3 TxOUT_0-
4 TxOUT_0+
5 GND
6 GND
7 TxOUT_1-
8 TxOUT_1+
9 GND
10 GND
11 TxOUT_2-
12 TxOUT_2+
13 GND
14 GND
15 TxCLKOUT-
16 TxCLKOUT+
17 GND
18 GND
19 TxOUT_3-
20 TxOUT_3+
21 GND
22 CTL1
23 CTL2
24 (GND)
25 (GND)
26 GND
27 (GND)
28 Vcc3.3V
29 (GND)
30 Vcc3.3V
31 (GND)
DIGITAL SIGNAL PWB
(7/11)
SHEET 15
TP4013 OPT
TP4012 OPT
TP4011 OPT
R4001 0
NRS12BJ-0R0W
VCC3
R4002 OPT
EF4001
NQR0483-005X
L4001
NQL52EN-4R7X
C4001 100/6.3
C4002 0.1 PS
CN403
QGA2001C2-03V
1 Vcc3.3V
2 GND
3 GND
FOR ADJUST
TP4001 OPT
TP4002 OPT
IC4105 OPT
IC4106 OPT
VCC3
K4106 OPT
C4183 OPT CH
C4184 OPT CH
C4181 OPT
C4182 OPT PS
R4161 OPT
R4163 OPT
R4166 OPT
R4167 10
R4164 OPT
R4162 OPT
TP4111 OPT
X1
/CLK
Vcc
GND
REF
X2
S1
S0
CLK
K4107 K2
C4185 10/16
C4186 0.1 PS
R4165 0
X4101
NAX0587-001X
CTL

MAIN DRIVE PWB CIRCUIT DIAGRAM (1/7) SHEET 21


MAIN DR
SRP-300
DR-VCC3
K3091 K1
C3091 10/16
GND1
FP_PCLK
LVDS_3V
C3021 0.1 PS
R3034 0
R3021 OPT
R3031 0
R3030 0
R3029 0
RPCLK
GPCLK
BPCLK
HSYNC
VSYNC
PIXVALID
R3028 OPT
R3027 OPT
R3033 OPT
IC3002
SN74LVC541APW-X
C3022 0.1 PS
R3022 0
R3026 0
R3025 0
FPCLK0
FPCLK1 TO IC801 28,29Pin
FPHD
FPVD
FPGAEN
R3024 0
R3023 0
R3032 0
IC3003
TC74VHC541FT-X
G1
G2
VCC
GND
DR-VCC3
K3891 K1
IC3802
R1170H151B-X
CE GND NC VDD OUT
C3892 0.1 PS
C3891 47/16
C3893
NBE50JM-107X
FP_1V5
R3891 OPT
C3894 0.1 PS
GND1
SCL
R3842 OPT
Q3802 2SK3374-X OPT
C3817 0.1 PS
LV_R0 LV_R1 LV_R2 LV_R3 LV_R4 LV_R5 LV_R6 LV_R7
VCCIO3
TP3814
TP3815
TP3816
SHEET 24
OPIXB7 OPIXB6 OPIXB5 OPIXB4
R3801 0 ARY
C3818 0.1 PS
C3819 0.1 PS
C3820 0.1 PS
OPIXB3 OPIXB2 OPIXB1 OPIXB0
R3802 0 ARY
C3821 0.1 PS
C3822 0.1 PS
C3823 0.1 PS
C3824 0.1 PS
EPIXB7 EPIXB6 EPIXB5 EPIXB4
R3803 0 ARY
C3825 0.1 PS
C3826 0.1 PS
EPIXB3 EPIXB2 EPIXB1 EPIXB0
R3804 0 ARY
IO
VCCIO2
VCCINT
GND
IO/DEV_OE
IO/DEV_CLRn
IO/INIT_DONE
IO/CLKUSR
VCCIO1
C3801 0.1 PS
R3805 0 ARY
TP3801
TP3802
TP3803
TP3804
TP3805
OPIXG1
OPIXG0
GND
RX0-
RX0+
RX1-
RX1+
RX2-
RX2+
RXCLK-
RXCLK+
RX3-
RX3+
ODCTL1
ODCTL2
NC
P3.3V
SUB DRIVE PWB SHEET 20
EF3001 NQR0504-001X
EF3002 NQR0504-001X
EF3003 NQR0504-001X
CN301 QGA1211C2-31X
D3001 MAZC062D-W
R3730 10K
R3731 10K
ODCTL2
ODCTL1
SHEET6
K3093 K1
DR-VCC3
K3092 OPT
NOT MOUNTED
CN313 OPT QGA2001C2-03V
GND1
R3001 100
R3002 100
R3003 100
R3004 100
R3005 100
C3001 0.1 PS
C3002 0.1 PS
R3006 10K
LVDSCTL
RxOUT 22 RxOUT 23 RxOUT 24 GND RxOUT 25 RxOUT 26 RxOUT 27 LVDS_GND
RxIN 0- RxIN 0+ RxIN 1- RxIN 1+ LVDS_Vcc LVDS_GND RxIN 2- RxIN 2+
RxCLKIN- RxCLKIN+ RxIN 3- RxIN 3+ LVDS_GND PLL_GND PLL_VCC PLL_GND
PWR_DWN RxCLKOUT RxOUT 0 GND
Vcc RxOUT 21 RxOUT 20 RxOUT 19 GND RxOUT 18 RxOUT 17 RxOUT 16 Vcc
RxOUT 15 RxOUT 14 RxOUT 13 GND RxOUT 12 RxOUT 11 RxOUT 10 Vcc
RxOUT 9 RxOUT 8 RxOUT 7 GND RxOUT 6 RxOUT 5 RxOUT 4 RxOUT 3 Vcc RxOUT 2 RxOUT 1
C3006 0.1 PS
C3005 0.1 PS
C3004 0.1 PS
C3003 0.1 PS
LV_B5 LV_B4 LV_B3 LV_B2 LV_B1 LV_B7 LV_B6 LV_B0
R3009 0 ARE
LV_G5 LV_G4 LV_G3 LV_G7 LV_G6 LV_G2 LV_G1 LV_G0
R3008 0 ARE
LV_R5 LV_R7 LV_R4 LV_R3 LV_R2 LV_R1 LV_R0 LV_R6
R3007 0 ARE
IC3001
THC63LVDF84B-W

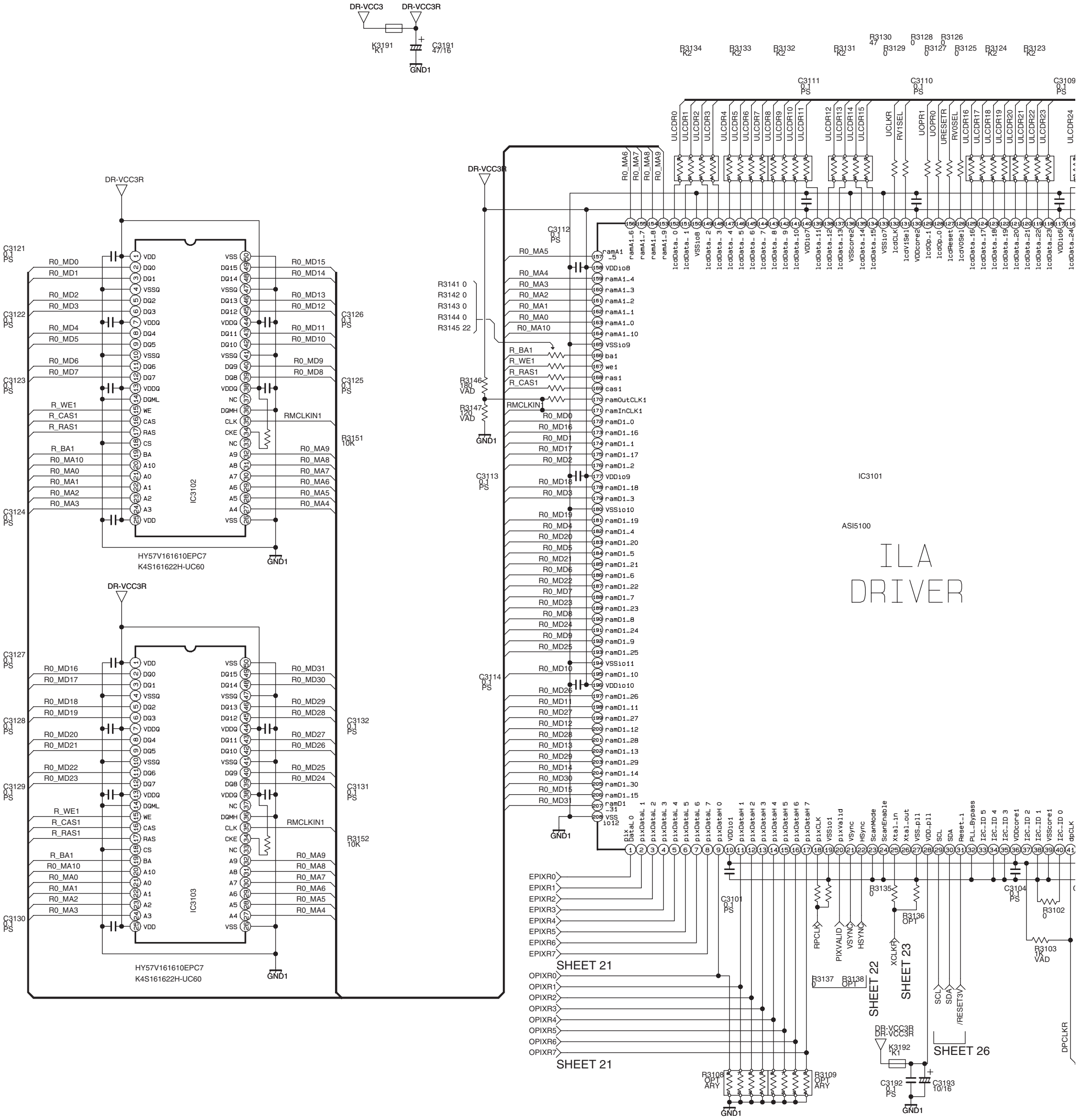
DRIVE PWB ASS'Y(1/7)

3005A-M2



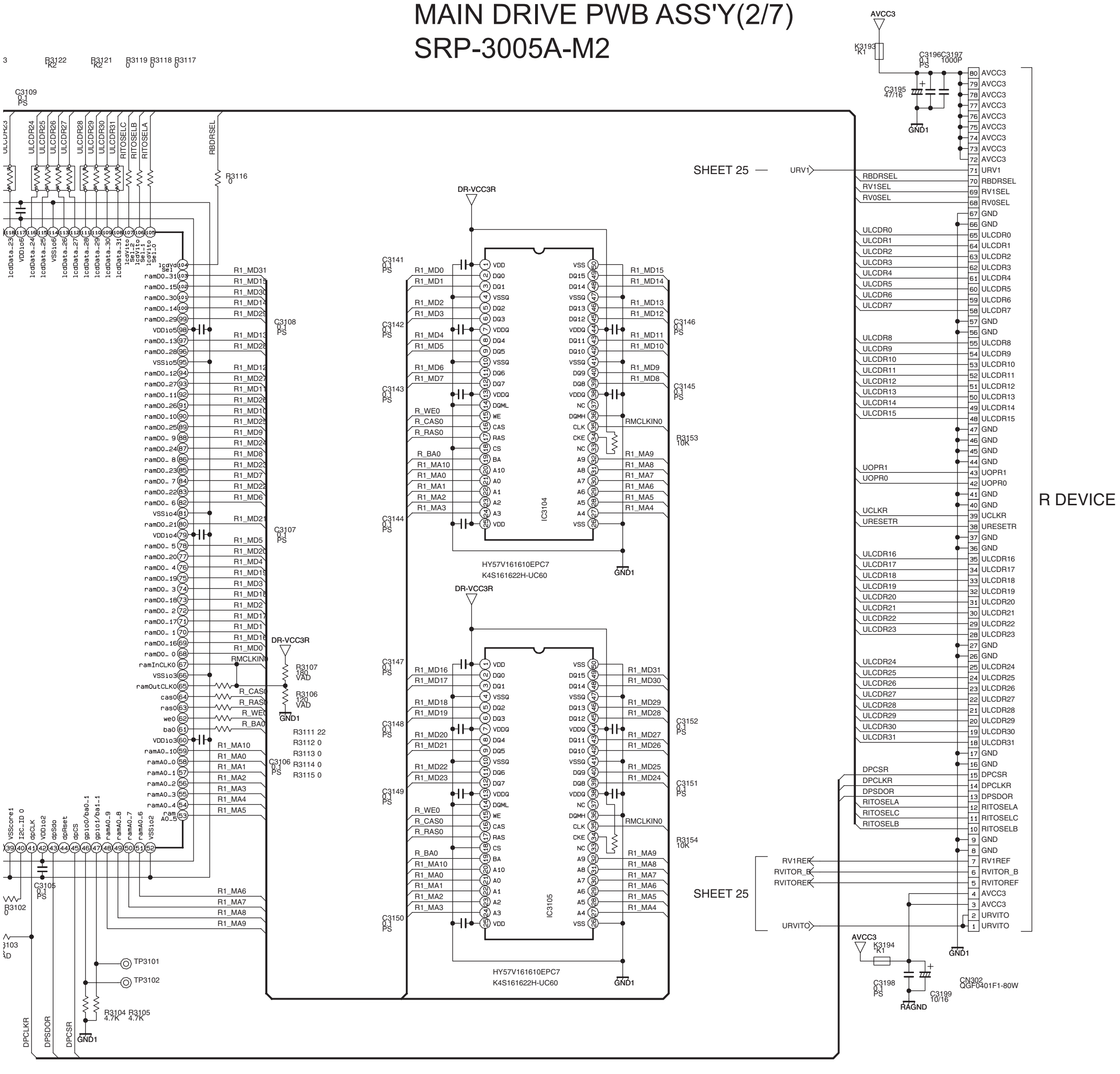
IC3801
EP1C6Q240C8N
EP1C6Q240C8
SHEET6
SCL
SDA
R3841 OPT
Q3801 2SK1374-X OPT
R3838 0
R3837 0
R3836 0
R3828 0
R3831 OPT
R3830 0
R3835 0
R3834 0
R3832 10K
R3833 10K
TP3879
C3816 0.1 PS
C3815 0.1 PS
C3814 0.1 PS
FPHD
FPVD
FPGAEN
FPCLK0
FP_PCLK
LV_G0
LV_G1
LV_G2
LV_G3
LV_G4
LV_G5
LV_G6
LV_G7
LV_B0
LV_B1
LV_B2
LV_B3
LV_B4
LV_B5
LV_B6
LV_B7
LV_R0
LV_R1
LV_R2
LV_R3
LV_R4
LV_R5
LV_R6
LV_R7
R3041 ARY
R3042 OPT ARY
R3043 ARY
R3044 OPT ARY
R3045 OPT ARY
R3046 OPT ARY
EPIXR0
EPIXR1
EPIXR2
EPIXR3
EPIXR4
EPIXR5
EPIXR6
EPIXR7
RPCLK
SHEET 22
EPIXG0
EPIXG1
EPIXG2
EPIXG3
EPIXG4
EPIXG5
EPIXG6
EPIXG7
GPCLK
SHEET 23
EPIXB0
EPIXB1
EPIXB2
EPIXB3
EPIXB4
EPIXB5
EPIXB6
EPIXB7
BPCLK
SHEET 24
VSYNC
SHEET 22, 23, 24, 26
HSYNC
PIXVALID
SHEET 22, 23, 24
TP3813
TP3812
TP3811
TP3810
TP3809
TP3808
C3813 0.1 PS
C3812 0.1 PS
C3811 0.1 PS
C3810 0.1 PS
C3809 0.1 PS
C3808 0.1 PS
C3807 0.1 PS
C3806 0.1 PS
C3805 0.1 PS
C3804 0.1 PS
C3803 0.1 PS
C3802 0.1 PS
R3812 0 ARY
R3811 0 ARY
R3810 0 ARY
R3809 0 ARY
OPIXR0
OPIXR1
OPIXR2
OPIXR3
OPIXR4
OPIXR5
OPIXR6
OPIXR7
VCCIO4
VCCINT
GND
IO
GND1
R3806 0 ARY
R3821 10K
R3822 0
R3823 0
R3827 10K
TP3878
TP3875
TP3806
TP3807
FPCLK1
TO IC003 17Pin
OPIXG0
OPIXG1
OPIXG2
OPIXG3
OPIXG4
OPIXG5
OPIXG6
OPIXG7
EPIXG7
EPIXG6
EPIXG5
EPIXG4
EPIXG3
EPIXG2
EPIXG1
EPIXG0
R3807 0 ARY
R3808 0 ARY
R3824 0
R3825 0
R3826 0
C3871 0.1 PS
TP3876
TP3873
TP3874
TP3877
TP3871
TP3872
nCS
DATA
VCC
GND
DCLK
ASDI
IC3871 EPCS1SI8N-IL1-X
EPCS1SI8-IL1-X
nCONFIG
DATA0
CLK0
CLK1
nCE
MSEL0
MSEL1
DCLK
ID/ASDO
CONF_DONE
nSTATUS
TDO
TMS
TCK
TDI
VCCA_PLL1
VCCA_PLL2
GNDA_PLL1
GNDA_PLL2
GNDG_PLL1
GNDG_PLL2
VCCIO1
VCCIO3

MAIN DRIVE PWB CIRCUIT DIAGRAM (2/7) SHEET 22

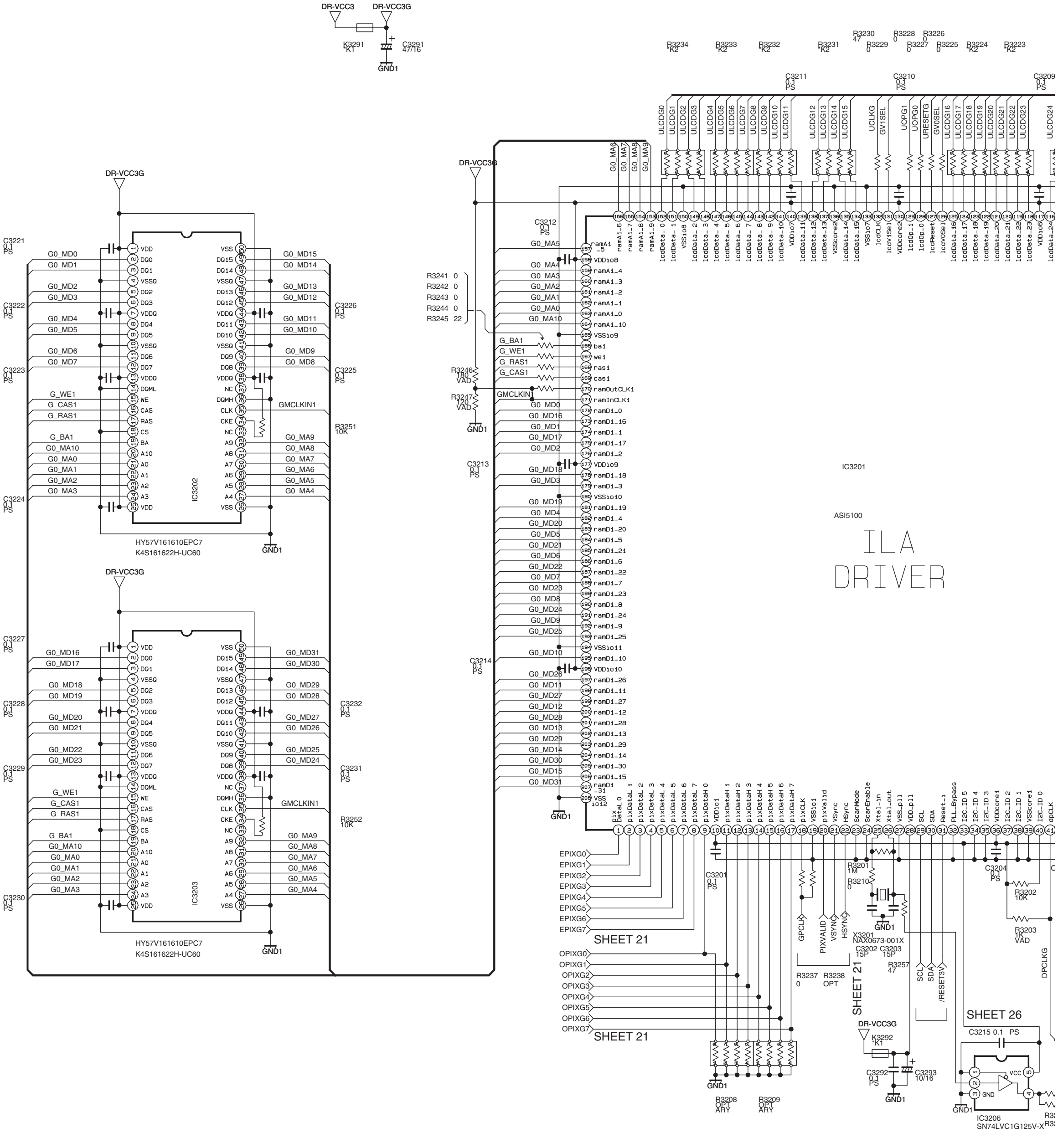


DR-VCC3
DR-VCC3R
K3191
K1
C3191
47/16
GND1
DR-VCC3R
C3121
0.1
PS
C3122
0.1
PS
C3123
0.1
PS
C3124
0.1
PS
C3126
0.1
PS
C3125
0.1
PS
R3151
10K
RMCLKIN1
IC3102
HY57V161610EPC7
K4S161622H-UC60
C3127
0.1
PS
C3128
0.1
PS
C3129
0.1
PS
C3130
0.1
PS
C3132
0.1
PS
C3131
0.1
PS
R3152
10K
IC3103
HY57V161610EPC7
K4S161622H-UC60
R0_MD0
R0_MD1
R0_MD2
R0_MD3
R0_MD4
R0_MD5
R0_MD6
R0_MD7
R0_MD8
R0_MD9
R0_MD10
R0_MD11
R0_MD12
R0_MD13
R0_MD14
R0_MD15
R_WE1
R_CAS1
R_RAS1
R_BA1
R0_MA0
R0_MA1
R0_MA2
R0_MA3
R0_MA4
R0_MA5
R0_MA6
R0_MA7
R0_MA8
R0_MA9
R0_MA10
VDD
VSS
VDDQ
VSSQ
DQML
DQMH
WE
CAS
RAS
CS
BA
CLK
CKE
NC
R3141 0
R3142 0
R3143 0
R3144 0
R3145 22
R3146
180
VAD
R3147
120
VAD
C3112
0.1
PS
C3113
0.1
PS
C3114
0.1
PS
IC3101
ASI5100
ILA
DRIVER
R3134
R3133
R3132
R3131
R3130
R3128
R3126
R3129
R3127
R3125
R3124
R3123
C3111
C3110
C3109
ULCDR0
ULCDR1
ULCDR2
ULCDR3
ULCDR4
ULCDR5
ULCDR6
ULCDR7
ULCDR8
ULCDR9
ULCDR10
ULCDR11
ULCDR12
ULCDR13
ULCDR14
ULCDR15
UCLKR
RV1SEL
UOPR1
UOPR0
URESETR
RVDSEL
ULCDR16
ULCDR17
ULCDR18
ULCDR19
ULCDR20
ULCDR21
ULCDR22
ULCDR23
ULCDR24
EPIXR0
EPIXR1
EPIXR2
EPIXR3
EPIXR4
EPIXR5
EPIXR6
EPIXR7
SHEET 21
OPIXR0
OPIXR1
OPIXR2
OPIXR3
OPIXR4
OPIXR5
OPIXR6
OPIXR7
SHEET 21
C3101
0.1
PS
R3108
OPT
ARY
R3109
OPT
ARY
RPCLK
PIXVALID
VSYNC
HSYNC
R3137
0
R3138
OPT
SHEET 22
R3135
0
R3136
OPT
XCLKR
SHEET 23
SCL
SDA
/RESET3V
SHEET 26
DR-VCC3R
K3192
K1
C3192
0.1
PS
C3193
10/16
C3104
0.1
PS
R3102
0
R3103
10K
VAD
DPCLKR

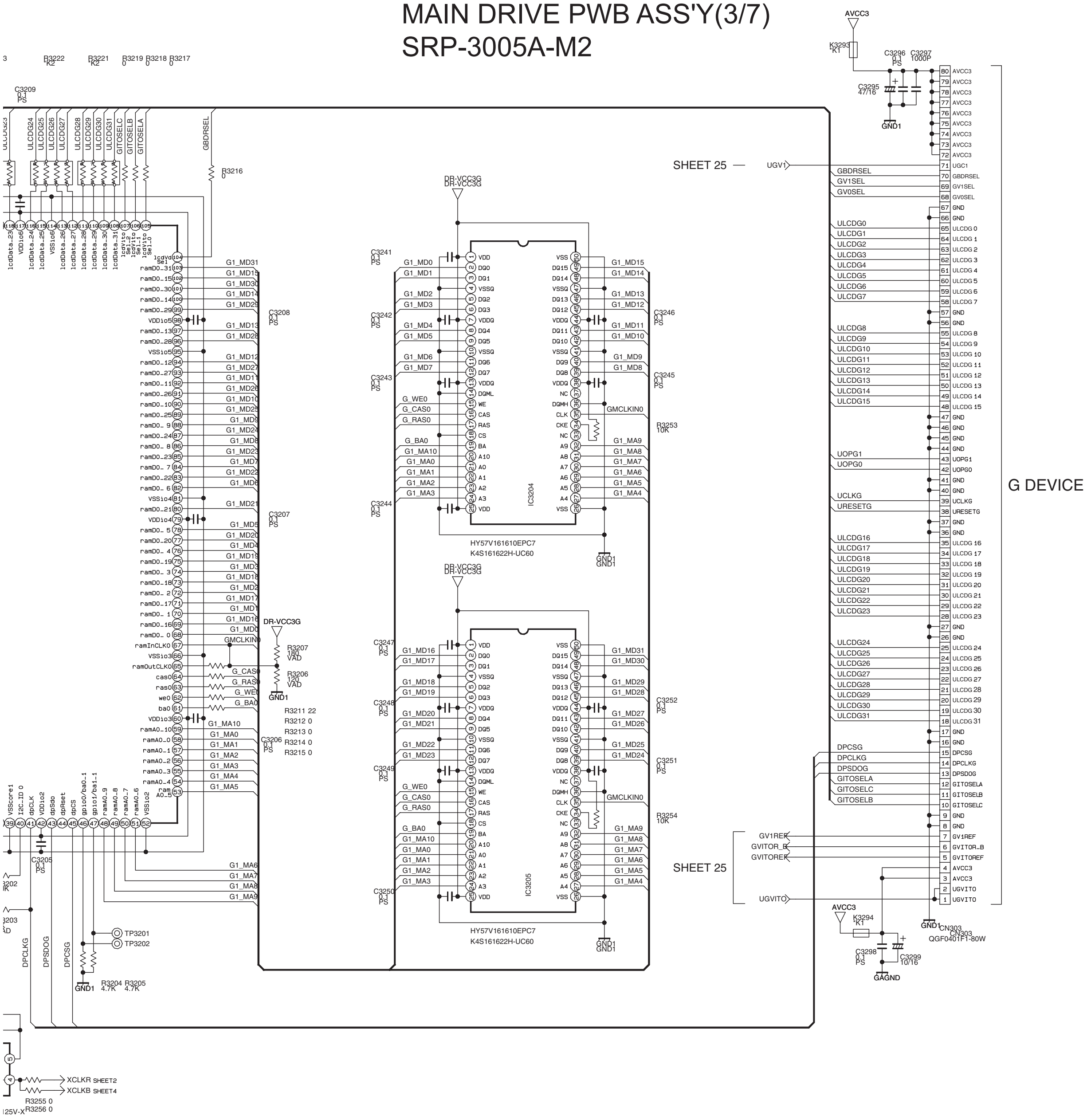
MAIN DRIVE PWB ASS'Y(2/7)
SRP-3005A-M2


AVCC3
K3193 K1
C3196 0.1 PS
C3197 1000P
C3195 47/16
GND1
SHEET 25
URV1
RBDRSEL
RV1SEL
RV0SEL
DR-VCC3R
R3116 0
C3109 0.1 PS
R3122 K2
R3121 K2
R3119 0
R3118 0
R3117 0
C3141 0.1 PS
C3142 0.1 PS
C3143 0.1 PS
C3144 0.1 PS
C3145 0.1 PS
C3146 0.1 PS
C3108 0.1 PS
C3107 0.1 PS
R3153 10K
RMCLKIN0
IC3104
HY57V161610EPC7
K4S161622H-UC60
IC3105
C3147 0.1 PS
C3148 0.1 PS
C3149 0.1 PS
C3150 0.1 PS
C3151 0.1 PS
C3152 0.1 PS
R3154 10K
R3107 180 VAD
R3106 180 VAD
R3111 22
R3112 0
R3113 0
R3114 0
R3115 0
C3106 0.1 PS
C3105 0.1 PS
R3102 0
R3103
TP3101
TP3102
R3104 4.7K
R3105 4.7K
DPCLKR
DPSDOR
DPCSR
RV1REF
RVITOR_B
RVITOREF
URVITO
K3194 K1
C3198 0.1 PS
C3199 10/16
RAGND
CN302
QGF0401F1-80W
R DEVICE

MAIN DRIVE PWB CIRCUIT DIAGRAM (3/7) SHEET 23

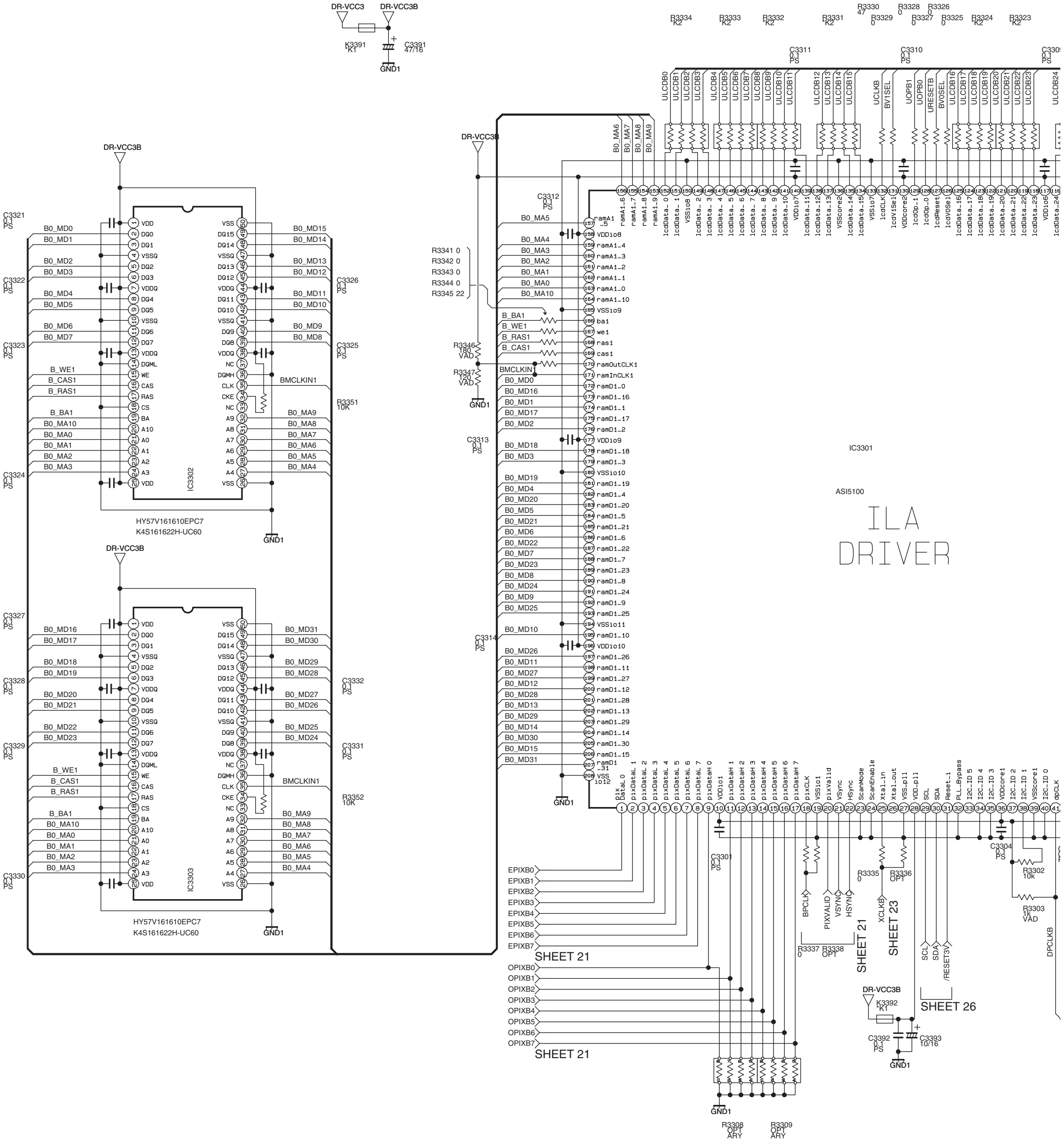

DR-VCC3
DR-VCC3G
K3291
K1
C3291
47/16
GND1
IC3202
HY57V161610EPC7
K4S161622H-UC60
IC3203
HY57V161610EPC7
K4S161622H-UC60
GMCLKIN1
R3251
10K
R3252
10K
R3241 0
R3242 0
R3243 0
R3244 0
R3245 22
R3246
150
VAD
R3247
120
VAD
C3212
0.1
PS
C3213
0.1
PS
C3214
0.1
PS
IC3201
ASI5100
ILA
DRIVER
EPIXG0
EPIXG1
EPIXG2
EPIXG3
EPIXG4
EPIXG5
EPIXG6
EPIXG7
SHEET 21
OPIXG0
OPIXG1
OPIXG2
OPIXG3
OPIXG4
OPIXG5
OPIXG6
OPIXG7
SHEET 21
GPCLK
PIXVALID
VSYNC
HSYNC
SHEET 21
X3201
NAX0673-001X
C3202 15P
C3203 15P
R3201
1M
R3210
0
R3257
47
R3237
0
R3238
OPT
R3208
OPT
ARY
R3209
OPT
ARY
SCL
SDA
/RESET3V
SHEET 26
C3215 0.1 PS
C3204
0.1
PS
R3202
10K
R3203
1K
VAD
DPCLKG
K3292
K1
C3292
0.1
PS
C3293
10/16
IC3206
SN74LVC1G125V-X
C3211
0.1
PS
C3210
0.1
PS
C3209
0.1
PS
R3234 K2
R3233 K2
R3232 K2
R3231 K2
R3230 47
R3229 0
R3228 0
R3227 0
R3226 0
R3225 0
R3224 K2
R3223 K2

MAIN DRIVE PWB ASS'Y(3/7)
SRP-3005A-M2

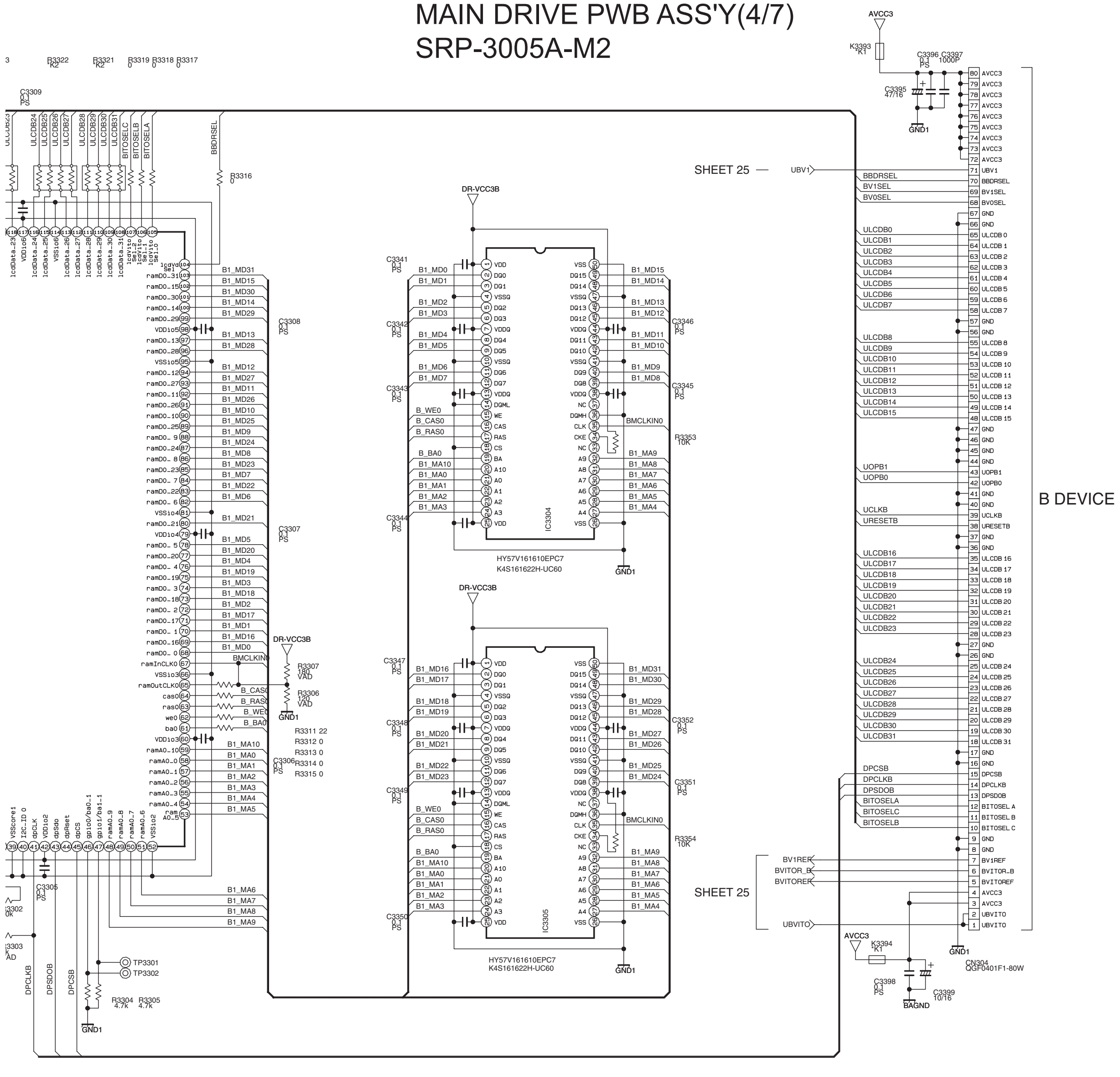


AVCC3
K3293 K1
C3296 0.1 PS
C3297 1000P
C3295 47/16
GND1
R3222 K2
R3221 K2
R3219 0
R3218 0
R3217 0
C3209 0.1 PS
GBDRSEL
R3216 0
SHEET 25
UGV1
GBDRSEL
GV1SEL
GV0SEL
DR-VCC3G
C3241 0.1 PS
C3242 0.1 PS
C3243 0.1 PS
C3244 0.1 PS
C3245 0.1 PS
C3246 0.1 PS
C3207 0.1 PS
C3208 0.1 PS
IC3204
HY57V161610EPC7
K4S161622H-UC60
GMCLKIN0
R3253 10K
C3247 0.1 PS
C3248 0.1 PS
C3249 0.1 PS
C3250 0.1 PS
C3251 0.1 PS
C3252 0.1 PS
IC3205
R3254 10K
R3207 180 VAD
R3206 180 VAD
R3211 22
R3212 0
R3213 0
R3214 0
R3215 0
C3206 0.1 PS
C3205 0.1 PS
G_WE0
G_CAS0
G_RAS0
G_BA0
G1_MA10
TP3201
TP3202
R3204 4.7K
R3205 4.7K
DPCLKG
DPSDOG
DPCSG
XCLKR SHEET2
XCLKB SHEET4
R3255 0
R3256 0
G DEVICE
GV1REF
GVITOR_B
GVITOREF
UGVITO
K3294 K1
C3298 0.1 PS
C3299 10/16
GAGND
CN303
QGF0401F1-80W
GITOSELA
GITOSELB
GITOSELC
DPCSG
DPCLKG
DPSDOG
UOPG1
UOPG0
UCLKG
URESETG

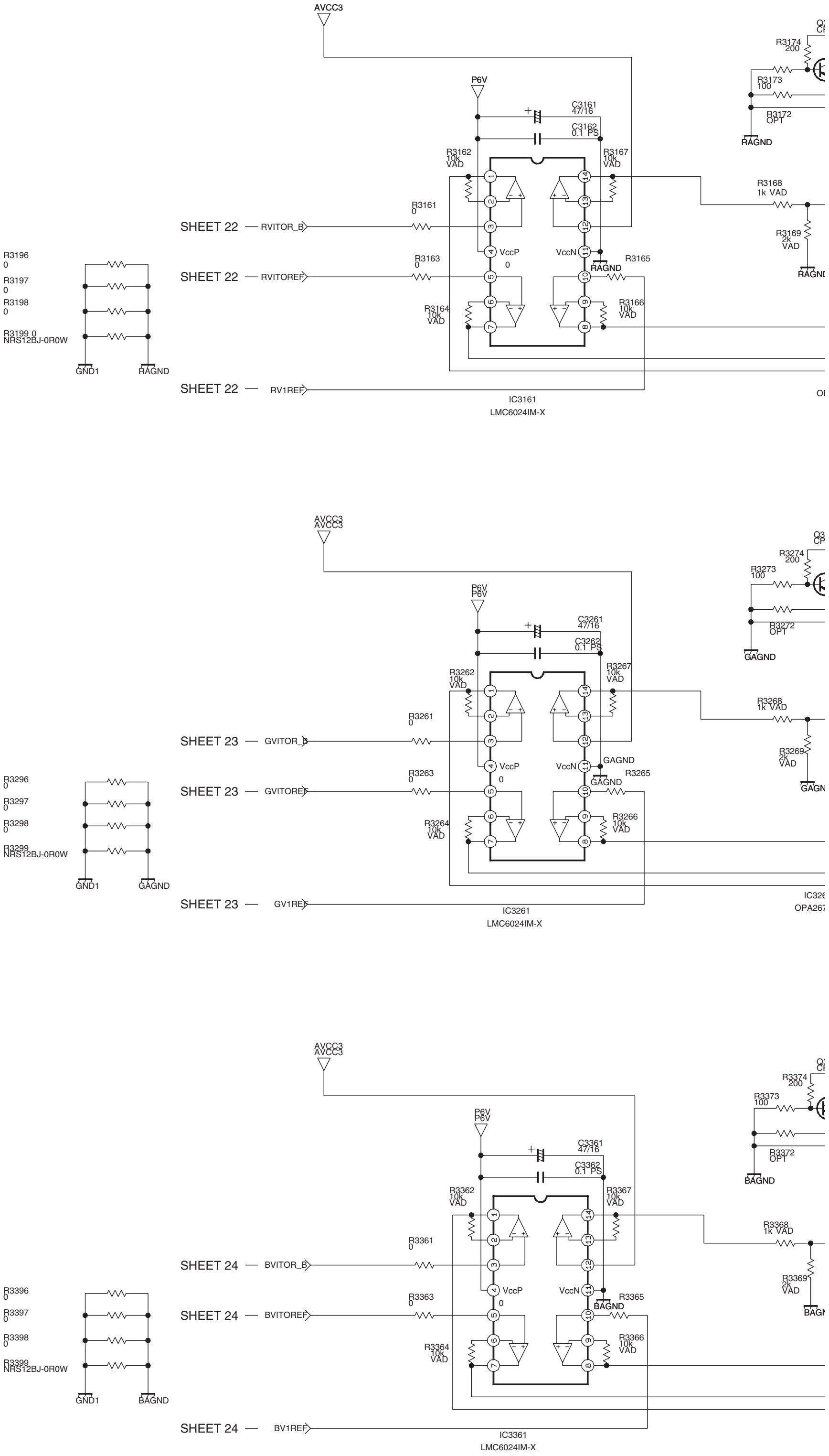
MAIN DRIVE PWB CIRCUIT DIAGRAM (4/7) SHEET 24

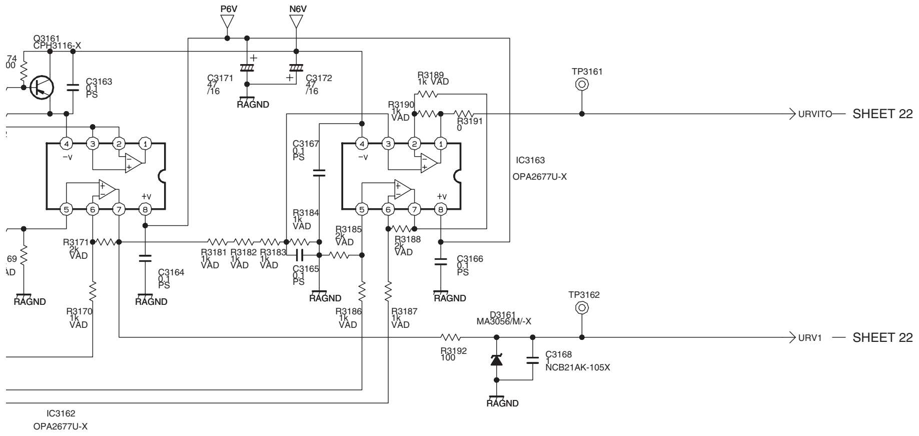

DR-VCC3
DR-VCC3B
K3391
K1
C3391
47/16
GND1
IC3302
IC3303
HY57V161610EPC7
K4S161622H-UC60
IC3301
ASI5100
ILA
DRIVER
BMCLKIN1
R3351
10K
R3352
10K
R3341 0
R3342 0
R3343 0
R3344 0
R3345 22
R3346
150
VAD
R3347
120
VAD
B_WE1
B_CAS1
B_RAS1
B_BA1
EPIXB0
EPIXB1
EPIXB2
EPIXB3
EPIXB4
EPIXB5
EPIXB6
EPIXB7
OPIXB0
OPIXB1
OPIXB2
OPIXB3
OPIXB4
OPIXB5
OPIXB6
OPIXB7
SHEET 21
SHEET 21
SHEET 21
SHEET 23
SHEET 26
BPCLK
PIXVALID
VSYNC
HSYNC
XCLKB
SCL
SDA
/RESET3V
DPCLKB
K3392
K1
C3392
0.1
PS
C3393
10/16
R3308
OPT
ARY
R3309
OPT
ARY
R3335
0
R3336
OPT
R3337
0
R3338
OPT
R3302
10k
R3303
1K
VAD
C3301
0.1
PS
C3304
0.1
PS

MAIN DRIVE PWB ASS'Y(4/7)
SRP-3005A-M2

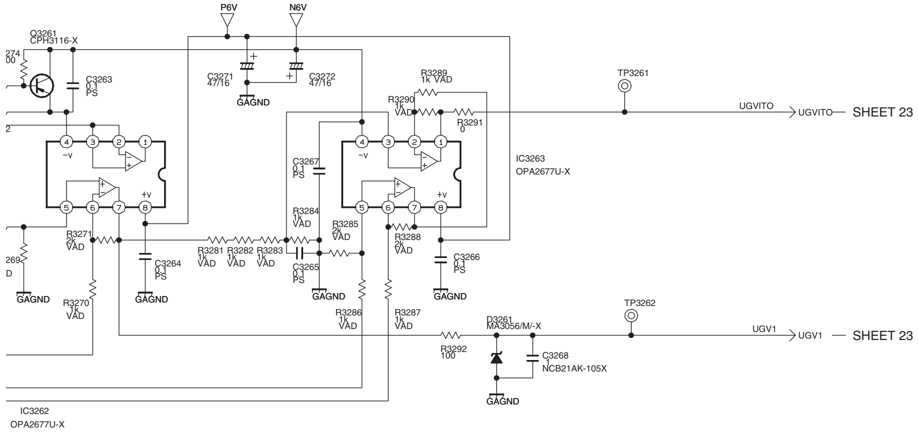

AVCC3
K3393 K1
C3396 0.1 PS
C3397 1000P
C3395 47/16
GND1
R3322 K2
R3321 K2
R3319 0
R3318 0
R3317 0
C3309 0.1 PS
BBDRSEL
R3316 0
SHEET 25
UBV1
DR-VCC3B
IC3304
HY57V161610EPC7
K4S161622H-UC60
IC3305
HY57V161610EPC7
K4S161622H-UC60
C3341 0.1 PS
C3342 0.1 PS
C3343 0.1 PS
C3344 0.1 PS
C3345 0.1 PS
C3346 0.1 PS
C3347 0.1 PS
C3348 0.1 PS
C3349 0.1 PS
C3350 0.1 PS
C3351 0.1 PS
C3352 0.1 PS
C3307 0.1 PS
C3308 0.1 PS
C3305 0.1 PS
C3306 0.1 PS
R3353 10K
R3354 10K
R3307 180 VAD
R3306 180 VAD
R3311 22
R3312 0
R3313 0
R3314 0
R3315 0
R3304 4.7K
R3305 4.7K
TP3301
TP3302
BMCLKIN0
B_WE0
B_CAS0
B_RAS0
B_BA0
DPCLKB
DPSDOB
DPCSB
BV1REF
BVITOR_B
BVITOREF
UBVITO
K3394 K1
C3398 0.1 PS
C3399 10/16
BAGND
CN304
QGF0401F1-80W
B DEVICE
80 AVCC3
79 AVCC3
78 AVCC3
77 AVCC3
76 AVCC3
75 AVCC3
74 AVCC3
73 AVCC3
72 AVCC3
71 UBV1
70 BBDRSEL
69 BV1SEL
68 BV0SEL
67 GND
66 GND
65 ULCDB 0
64 ULCDB 1
63 ULCDB 2
62 ULCDB 3
61 ULCDB 4
60 ULCDB 5
59 ULCDB 6
58 ULCDB 7
57 GND
56 GND
55 ULCDB 8
54 ULCDB 9
53 ULCDB 10
52 ULCDB 11
51 ULCDB 12
50 ULCDB 13
49 ULCDB 14
48 ULCDB 15
47 GND
46 GND
45 GND
44 GND
43 UOPB1
42 UOPB0
41 GND
40 GND
39 UCLKB
38 URESETB
37 GND
36 GND
35 ULCDB 16
34 ULCDB 17
33 ULCDB 18
32 ULCDB 19
31 ULCDB 20
30 ULCDB 21
29 ULCDB 22
28 ULCDB 23
27 GND
26 GND
25 ULCDB 24
24 ULCDB 25
23 ULCDB 26
22 ULCDB 27
21 ULCDB 28
20 ULCDB 29
19 ULCDB 30
18 ULCDB 31
17 GND
16 GND
15 DPCSB
14 DPCLKB
13 DPSDOB
12 BITOSEL A
11 BITOSEL B
10 BITOSEL C
9 GND
8 GND
7 BV1REF
6 BVITOR_B
5 BVITOREF
4 AVCC3
3 AVCC3
2 UBVITO
1 UBVITO

MAIN DRIVE PWB ASS'Y(5/7)
SRP-3005A-M2

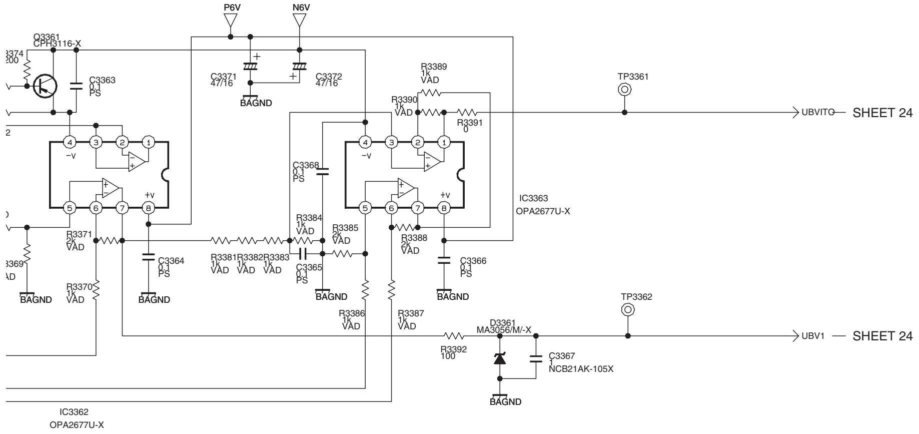

AVCC3
P6V
C3161
47/16
C3162
0.1 PS
R3162
10k
VAD
R3167
10k
VAD
R3161
0
SHEET 22
RVITOR_B
VccP
VccN
R3163
0
SHEET 22
RVITOREF
RAGND
R3165
R3164
10k
VAD
R3166
10k
VAD
R3196
0
R3197
0
R3198
0
R3199 0
NRS12BJ-0R0W
GND1
RAGND
SHEET 22
RV1REF
IC3161
LMC6024IM-X
R3174
200
R3173
100
R3172
OPT
RAGND
R3168
1k VAD
R3169
2k
VAD
RAGND
AVCC3
P6V
C3261
47/16
C3262
0.1 PS
R3262
10k
VAD
R3267
10k
VAD
R3261
0
SHEET 23
GVITOR_B
VccP
VccN
GAGND
R3263
0
SHEET 23
GVITOREF
GAGND
R3265
R3264
10k
VAD
R3266
10k
VAD
R3296
0
R3297
0
R3298
0
R3299
NRS12BJ-0R0W
GND1
GAGND
SHEET 23
GV1REF
IC3261
LMC6024IM-X
R3274
200
R3273
100
R3272
OPT
GAGND
R3268
1k VAD
R3269
2k
VAD
AVCC3
P6V
C3361
47/16
C3362
0.1 PS
R3362
10k
VAD
R3367
10k
VAD
R3361
0
SHEET 24
BVITOR_B
VccP
VccN
R3363
0
SHEET 24
BVITOREF
BAGND
R3365
R3364
10k
VAD
R3366
10k
VAD
R3396
0
R3397
0
R3398
0
R3399
NRS12BJ-0R0W
GND1
BAGND
SHEET 24
BV1REF
IC3361
LMC6024IM-X
R3374
200
R3373
100
R3372
OPT
BAGND
R3368
1k VAD
R3369
2k
VAD



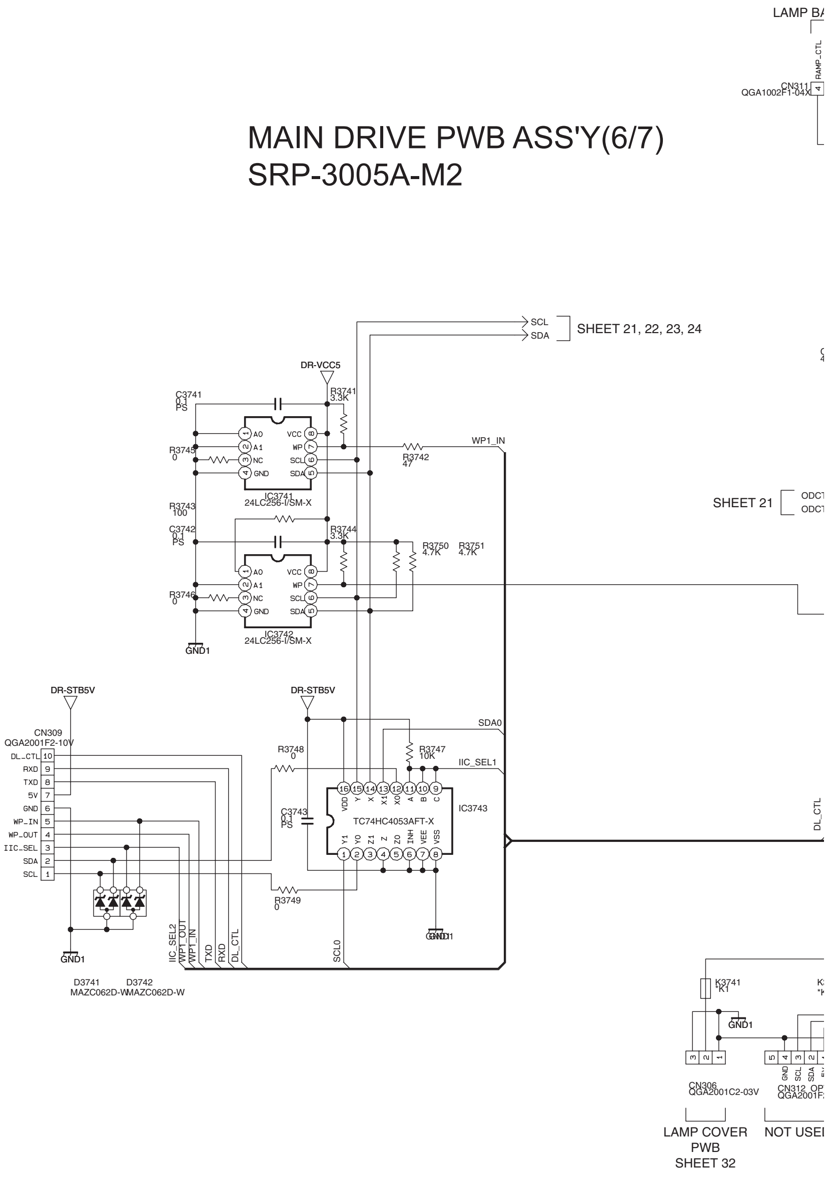
P6V
N6V
Q3161
CPH3116-X
74
00
C3163
0.1
PS
C3171
47
/16
C3172
47
/16
RAGND
R3189
1k VAD
R3190
1k
VAD
R3191
0
TP3161
URVITO
SHEET 22
C3167
0.1
PS
IC3163
OPA2677U-X
−v
+v
R3184
1k
VAD
R3185
2k
VAD
R3188
2k
VAD
C3166
0.1
PS
R3171
2k
VAD
69
AD
R3181
1k
VAD
R3182
1k
VAD
R3183
1k
VAD
C3165
0.1
PS
C3164
0.1
PS
RAGND
RAGND
RAGND
RAGND
R3170
1k
VAD
R3186
1k
VAD
R3187
1k
VAD
TP3162
D3161
MA3056/M/-X
R3192
100
C3168
1
NCB21AK-105X
URV1
SHEET 22
RAGND
IC3162
OPA2677U-X

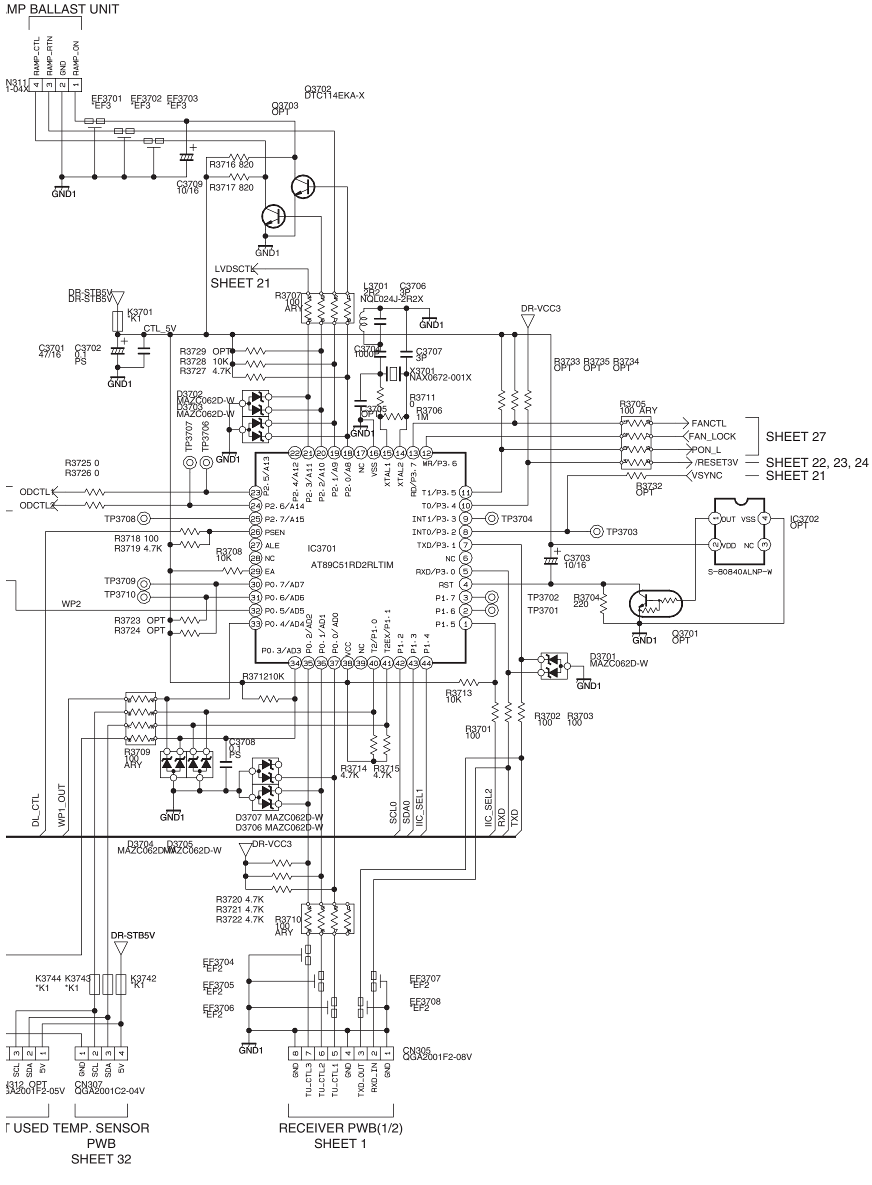


P6V
N6V
Q3261
CPH3116-X
274
00
C3263
0.1
PS
C3271
47/16
C3272
47/16
GAGND
R3289
1k VAD
R3290
1k
VAD
R3291
0
TP3261
UGVITO
UGVITO
SHEET 23
C3267
0.1
PS
IC3263
OPA2677U-X
−v
+v
R3284
1k
VAD
R3285
2k
VAD
R3288
2k
VAD
C3266
0.1
PS
R3271
2k
VAD
269
D
R3281
1k
VAD
R3282
1k
VAD
R3283
1k
VAD
C3265
0.1
PS
C3264
0.1
PS
GAGND
GAGND
GAGND
GAGND
R3270
1k
VAD
R3286
1k
VAD
R3287
1k
VAD
TP3262
D3261
MA3056/M/-X
R3292
100
C3268
1
NCB21AK-105X
UGV1
UGV1
SHEET 23
GAGND
IC3262
OPA2677U-X



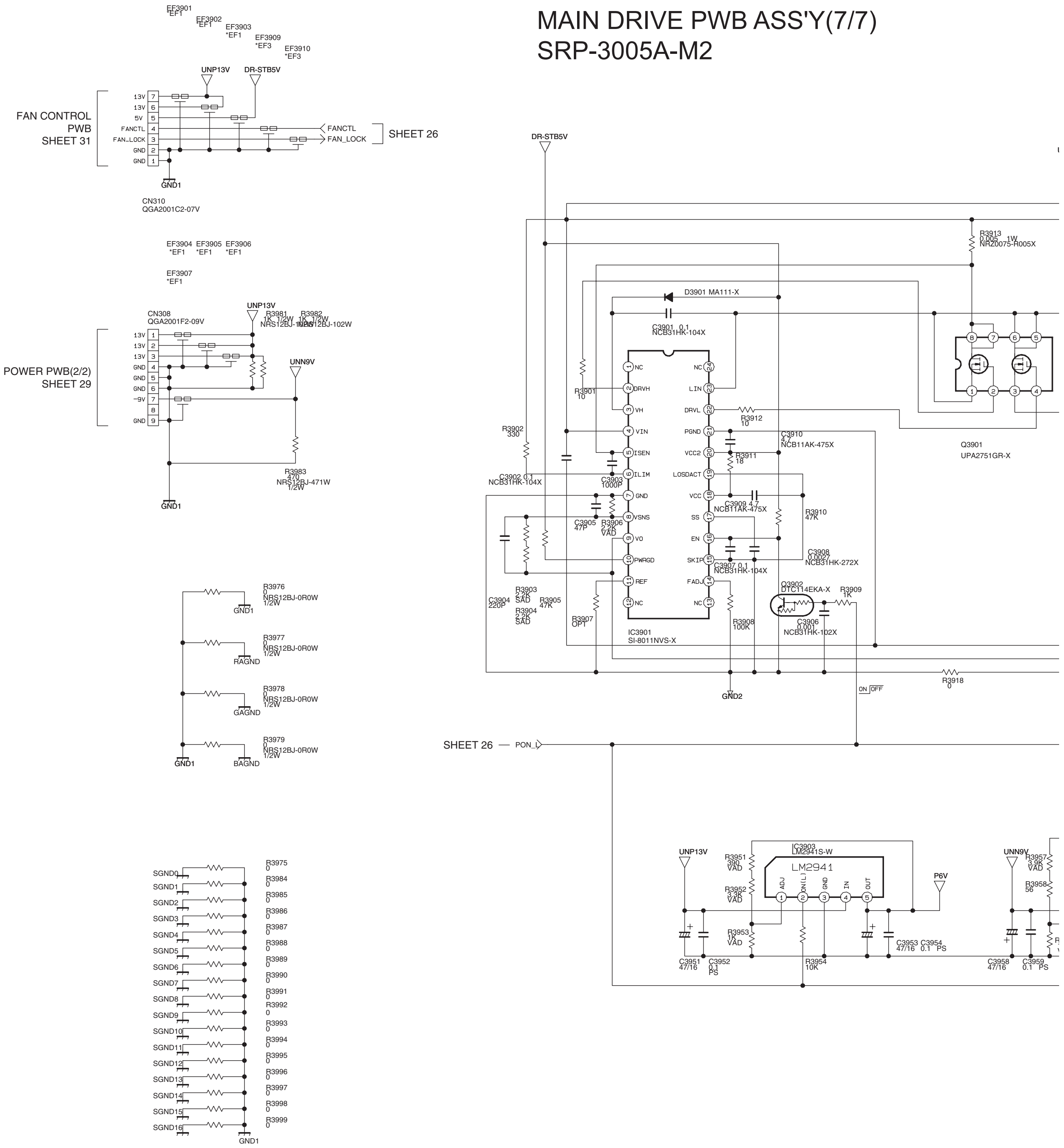
P6V
N6V
Q3361
CPH3116-X
3374
200
C3363
0.1
PS
C3371
47/16
C3372
47/16
BAGND
R3389
1k
VAD
R3390
1k
VAD
R3391
0
TP3361
UBVITO
SHEET 24
C3368
0.1
PS
IC3363
OPA2677U-X
−v
+v
R3384
1k
VAD
R3385
2k
VAD
R3388
2k
VAD
C3366
0.1
PS
R3371
2k
VAD
3369
AD
R3381
1k
VAD
R3382
1k
VAD
R3383
1k
VAD
C3365
0.1
PS
C3364
0.1
PS
BAGND
BAGND
BAGND
BAGND
R3370
1k
VAD
R3386
1k
VAD
R3387
1k
VAD
TP3362
D3361
MA3056/M/-X
R3392
100
C3367
1
NCB21AK-105X
UBV1
SHEET 24
BAGND
IC3362
OPA2677U-X


MAIN DRIVE PWB ASS'Y(6/7)
SRP-3005A-M2
LAMP BA
RAMP_CTL
CN311
QGA1002F1-04X
SCL
SDA
SHEET 21, 22, 23, 24
DR-VCC5
R3741
3.3K
C3741
0.1
PS
A0
A1
NC
GND
VCC
WP
SCL
SDA
R3745
0
R3742
47
WP1_IN
IC3741
24LC256-I/SM-X
R3743
100
C3742
0.1
PS
R3744
3.3K
R3750
4.7K
R3751
4.7K
SHEET 21
ODCT
ODCT
R3746
0
IC3742
24LC256-I/SM-X
GND1
DR-STB5V
CN309
QGA2001F2-10V
DL_CTL
RXD
TXD
5V
GND
WP_IN
WP_OUT
IIC_SEL
SDA
SCL
DR-STB5V
SDA0
R3748
0
R3747
10K
IIC_SEL1
C3743
0.1
PS
VDD
Y
X
X1
X0
A
B
C
TC74HC4053AFT-X
IC3743
Y1
Y0
Z1
Z
Z0
INH
VEE
VSS
R3749
0
GND1
DL_CTL
IIC_SEL2
WP1_OUT
WP1_IN
TXD
RXD
DL_CTL
SCL0
GND1
D3741
MAZC062D-W
D3742
MAZC062D-W
K3741
*K1
GND1
CN306
QGA2001C2-03V
CN312
QGA2001F
GND
SCL
SDA
LAMP COVER
PWB
SHEET 32
NOT USE

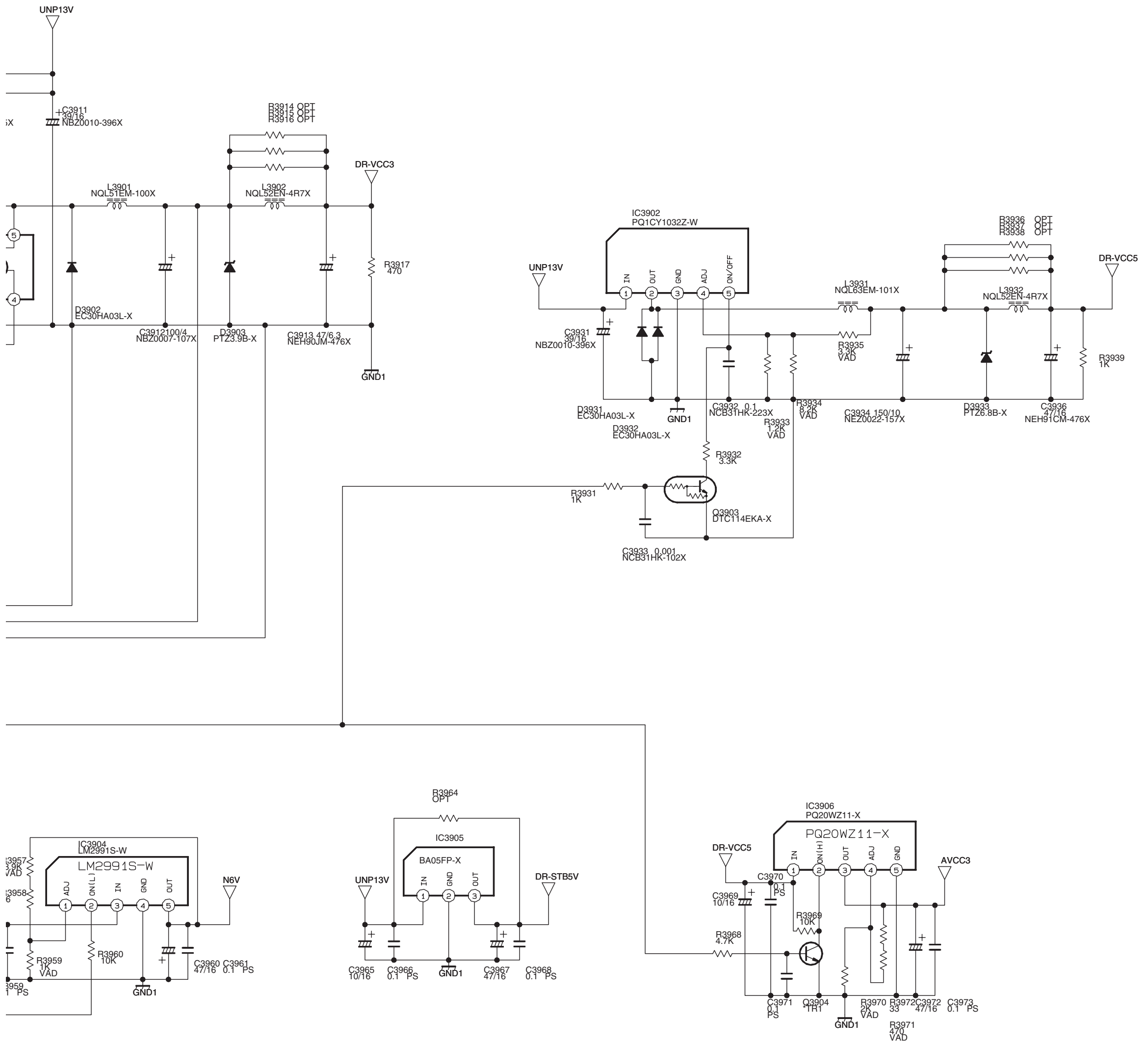


MP BALLAST UNIT
RAMP_CTL
RAMP_RTN
GND
RAMP_ON
N311
1-04X
EF3701 *EF3
EF3702 *EF3
EF3703 *EF3
Q3702 DTC114EKA-X
Q3703 OPT
R3716 820
R3717 820
C3709 10/16
GND1
LVDSCTL
SHEET 21
R3707 100 ARY
L3701 2R2
C3706 3P
NQL024J-2R2X
DR-VCC3
DR-STB5V
K3701 *K1
CTL_5V
C3701 47/16
C3702 0.1 PS
R3729 OPT
R3728 10K
R3727 4.7K
C3704 1000P
C3707 3P
X3701 NAX0672-001X
C3705 OPT
R3711 0
R3706 1M
R3733 OPT
R3735 OPT
R3734 OPT
R3705 100 ARY
FANCTL
FAN_LOCK
PON_L
/RESET3V
VSYNC
SHEET 27
SHEET 22, 23, 24
SHEET 21
R3732 OPT
D3702 MAZC062D-W
D3703 MAZC062D-W
TP3707
TP3706
R3725 0
R3726 0
ODCTL1
ODCTL2
TP3708
R3718 100
R3719 4.7K
R3708 10K
TP3709
TP3710
WP2
R3723 OPT
R3724 OPT
IC3701
AT89C51RD2RLTIM
P2.5/A13
P2.4/A12
P2.3/A11
P2.2/A10
P2.1/A9
P2.0/A8
NC
VSS
XTAL1
XTAL2
RD/P3.7
WR/P3.6
T1/P3.5
T0/P3.4
INT1/P3.3
INT0/P3.2
TXD/P3.1
NC
RXD/P3.0
RST
P1.7
P1.6
P1.5
P2.6/A14
P2.7/A15
PSEN
ALE
NC
EA
P0.7/AD7
P0.6/AD6
P0.5/AD5
P0.4/AD4
P0.3/AD3
P0.2/AD2
P0.1/AD1
P0.0/AD0
VCC
NC
T2/P1.0
T2EX/P1.1
P1.2
P1.3
P1.4
TP3704
TP3703
C3703 10/16
TP3702
TP3701
R3704 220
Q3701 OPT
IC3702 OPT
OUT
VSS
VDD
NC
S-80840ALNP-W
D3701 MAZC062D-W
R371210K
R3713 10K
R3701 100
R3702 100
R3703 100
R3709 100 ARY
C3708 0.1 PS
R3714 4.7K
R3715 4.7K
D3707 MAZC062D-W
D3706 MAZC062D-W
D3704 MAZC062D-W
D3705 MAZC062D-W
DL_CTL
WP1_OUT
SCL0
SDA0
IIC_SEL1
IIC_SEL2
RXD
TXD
R3720 4.7K
R3721 4.7K
R3722 4.7K
R3710 100 ARY
EF3704 *EF2
EF3705 *EF2
EF3706 *EF2
EF3707 *EF2
EF3708 *EF2
K3744 *K1
K3743 *K1
K3742 *K1
SCL
SDA
5V
N312 OPT
QA2001F2-05V
CN307
QGA2001C2-04V
CN305
QGA2001F2-08V
TU_CTL3
TU_CTL2
TU_CTL1
TXD_OUT
RXD_IN
T USED TEMP. SENSOR
PWB
SHEET 32
RECEIVER PWB(1/2)
SHEET 1

MAIN DRIVE PWB CIRCUIT DIAGRAM (7/7) SHEET 27

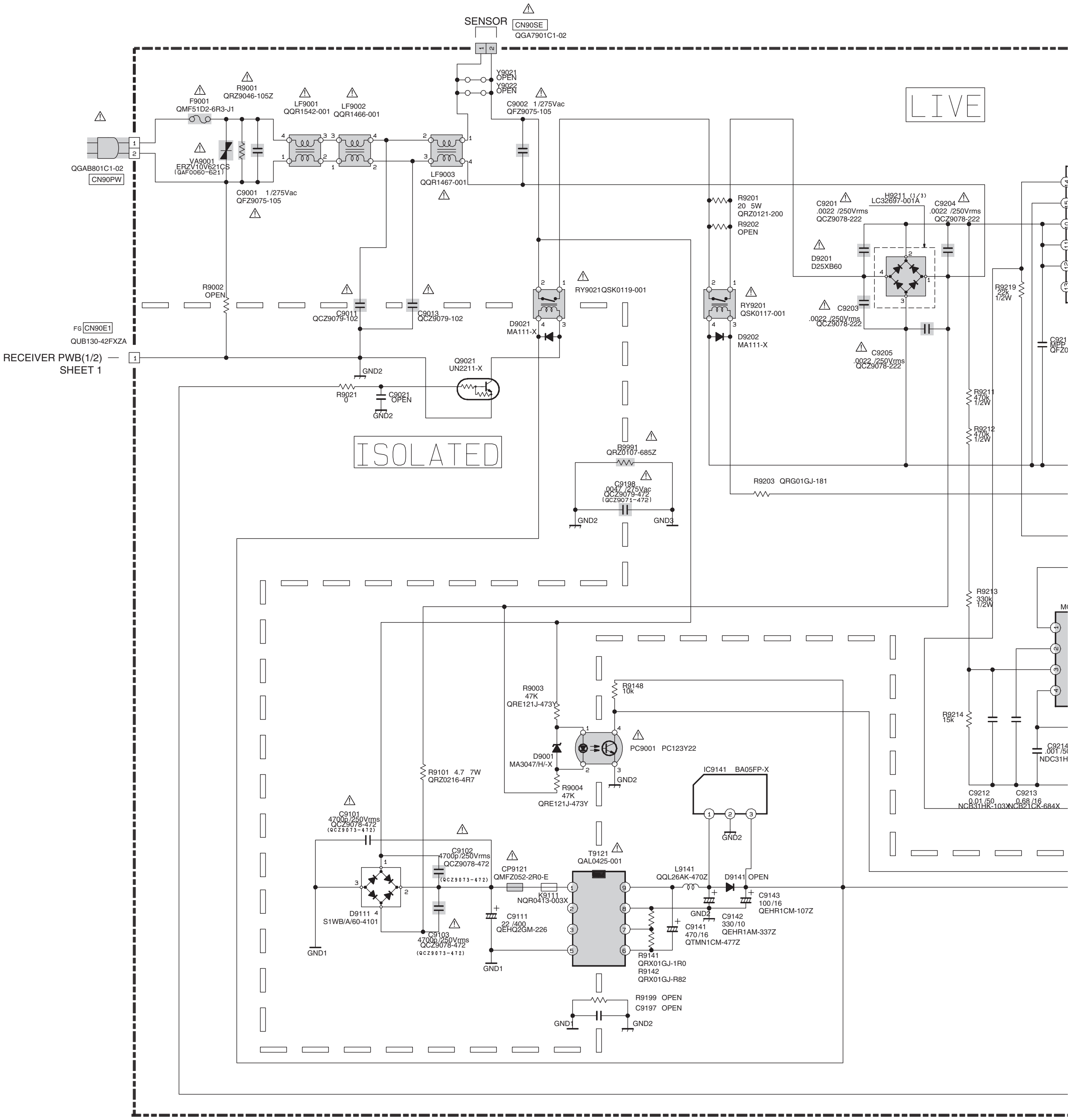


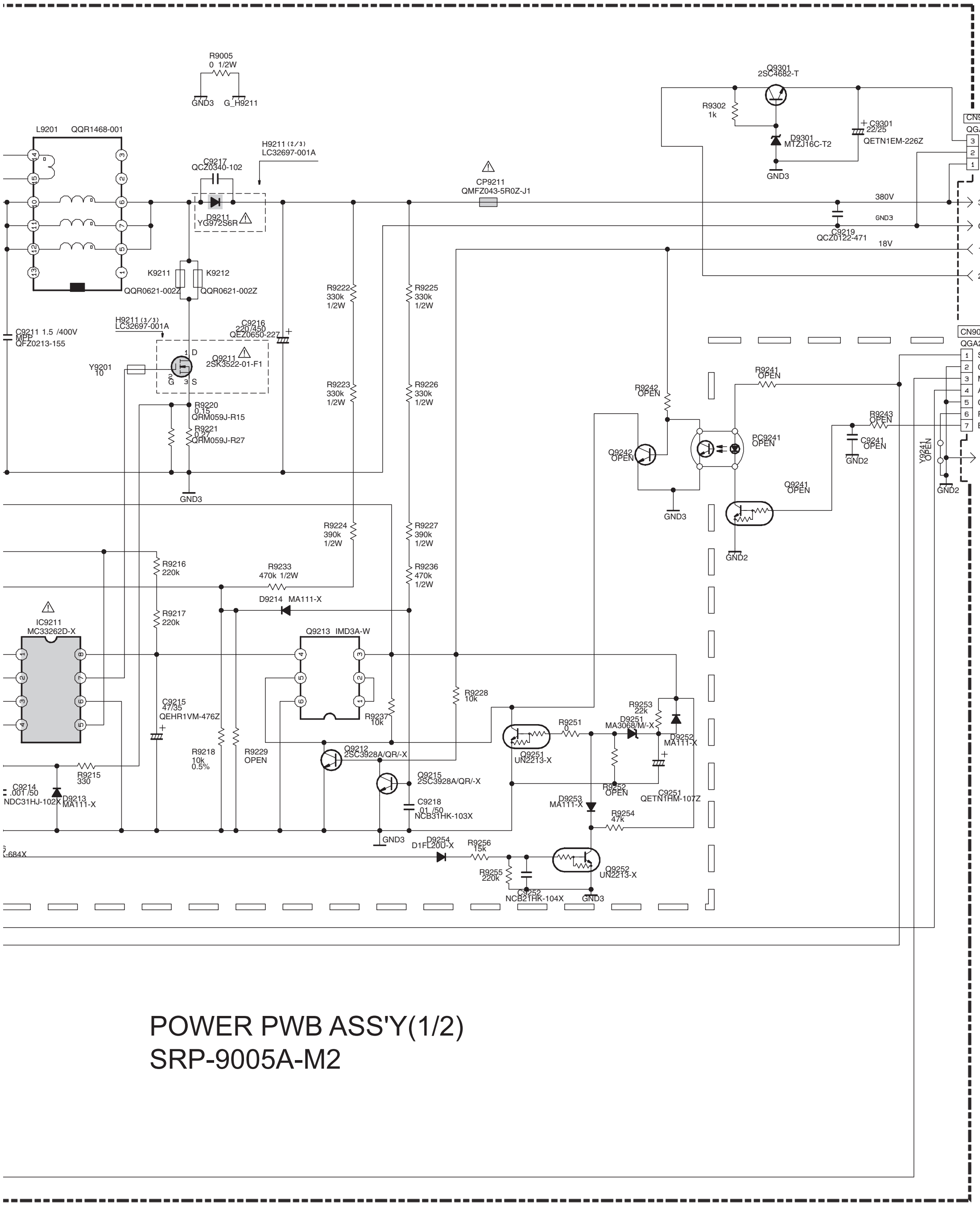
MAIN DRIVE PWB ASS'Y(7/7)
SRP-3005A-M2
EF3901 *EF1
EF3902 *EF1
EF3903 *EF1
EF3909 *EF3
EF3910 *EF3
UNP13V
DR-STB5V
FAN CONTROL PWB SHEET 31
13V
13V
5V
FANCTL
FAN_LOCK
GND
GND
FANCTL
FAN_LOCK
SHEET 26
GND1
CN310
QGA2001C2-07V
EF3904 *EF1
EF3905 *EF1
EF3906 *EF1
EF3907 *EF1
CN308
QGA2001F2-09V
UNP13V
R3981 1K 1/2W NRS12BJ-102W
R3982 1K 1/2W NRS12BJ-102W
POWER PWB(2/2) SHEET 29
-9V
UNN9V
R3983 470 NRS12BJ-471W 1/2W
GND1
R3976 0 NRS12BJ-0R0W 1/2W
GND1
R3977 0 NRS12BJ-0R0W 1/2W
RAGND
R3978 0 NRS12BJ-0R0W 1/2W
GAGND
R3979 0 NRS12BJ-0R0W 1/2W
GND1
BAGND
SGND0
SGND1
SGND2
SGND3
SGND4
SGND5
SGND6
SGND7
SGND8
SGND9
SGND10
SGND11
SGND12
SGND13
SGND14
SGND15
SGND16
R3975 0
R3984 0
R3985 0
R3986 0
R3987 0
R3988 0
R3989 0
R3990 0
R3991 0
R3992 0
R3993 0
R3994 0
R3995 0
R3996 0
R3997 0
R3998 0
R3999 0
GND1
DR-STB5V
R3913 0.005 1W NRZ0075-R005X
D3901 MA111-X
C3901 0.1 NCB31HK-104X
Q3901
UPA2751GR-X
R3901 10
R3902 330
R3912 10
C3910 4.7 NCB11AK-475X
R3911 18
C3902 0.1 NCB31HK-104X
C3903 1000P
C3909 4.7 NCB11AK-475X
R3910 47K
C3905 47P
R3906 2.2K VAD
C3908 0.0027 NCB31HK-272X
C3907 0.1 NCB31HK-104X
Q3902 DTC114EKA-X
R3909 1K
C3904 220P
R3903 2.2K SAD
R3905 47K
R3904 2.2K SAD
R3907 OPT
R3908 100K
C3906 0.001 NCB31HK-102X
IC3901
SI-8011NVS-X
NC
DRVH
VH
VIN
ISEN
ILIM
GND
VSNS
VO
PWRGD
REF
NC
NC
LIN
DRVL
PGND
VCC2
LOSDACT
VCC
SS
EN
SKIP
FADJ
NC
GND2
R3918 0
ON OFF
SHEET 26
PON
IC3903
LM2941S-W
LM2941
ADJ
ON(L)
GND
IN
OUT
UNP13V
R3951 390 VAD
R3952 3.3K VAD
R3953 1K VAD
P6V
C3951 47/16
C3952 0.1 PS
R3954 10K
C3953 47/16
C3954 0.1 PS
UNN9V
R3957 3.9K VAD
R3958 56
C3958 47/16
C3959 0.1 PS



UNP13V
C3911
39/16
NBZ0010-396X
R3914 OPT
R3915 OPT
R3916 OPT
DR-VCC3
L3901
NQL51EM-100X
L3902
NQL52EN-4R7X
R3917
470
D3902
EC30HA03L-X
C3912100/4
NBZ0007-107X
D3903
PTZ3.9B-X
C3913 47/6.3
NEH90JM-476X
GND1
IC3902
PQ1CY1032Z-W
IN
OUT
GND
ADJ
ON/OFF
UNP13V
C3931
39/16
NBZ0010-396X
D3931
EC30HA03L-X
D3932
EC30HA03L-X
GND1
C3932 0.1
NCB31HK-223X
R3933
1.2K
VAD
R3934
8.2K
VAD
L3931
NQL63EM-101X
R3935
3.3K
VAD
C3934 150/10
NEZ0022-157X
R3936 OPT
R3937 OPT
R3938 OPT
L3932
NQL52EN-4R7X
DR-VCC5
D3933
PTZ6.8B-X
C3936
47/16
NEH91CM-476X
R3939
1K
R3932
3.3K
R3931
1K
Q3903
DTC114EKA-X
C3933 0.001
NCB31HK-102X
IC3904
LM2991S-W
LM2991S-W
ADJ
ON(L)
IN
GND
OUT
R3957
3.9K
VAD
R3958
R3959
1K
VAD
R3960
10K
C3959
PS
C3960
47/16
C3961
0.1 PS
GND1
N6V
R3964
OPT
IC3905
BA05FP-X
IN
GND
OUT
UNP13V
DR-STB5V
C3965
10/16
C3966
0.1 PS
GND1
C3967
47/16
C3968
0.1 PS
IC3906
PQ20WZ11-X
PQ20WZ11-X
IN
ON(H)
OUT
ADJ
GND
DR-VCC5
C3970
0.1
PS
C3969
10/16
R3969
10K
R3968
4.7K
AVCC3
C3971
0.1
PS
Q3904
1H1
GND1
R3970
2K
VAD
R3972
33
C3972
47/16
C3973
0.1 PS
R3971
470
VAD

POWER PWB CIRCUIT DIAGRAM (1/2) SHEET 28

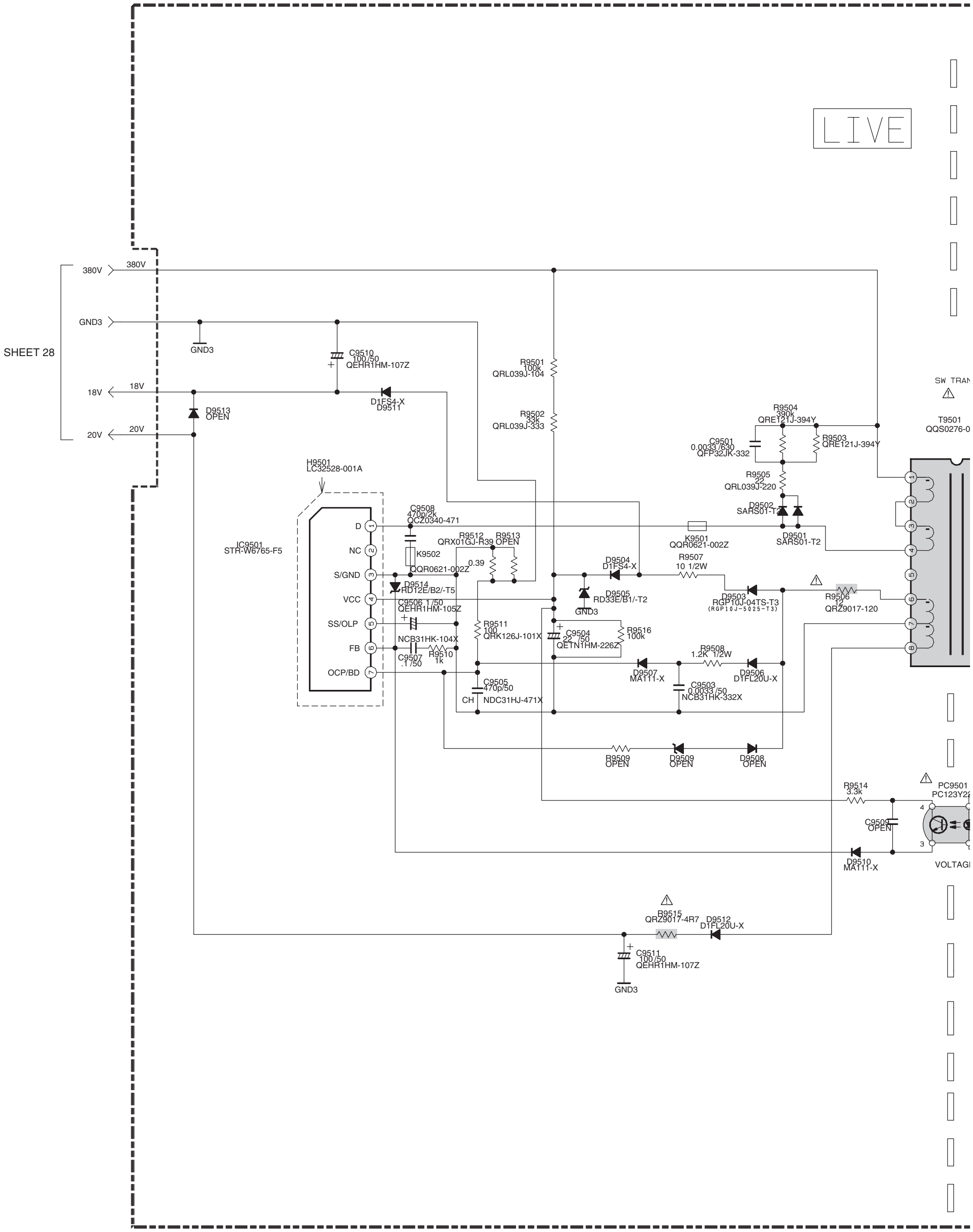

SENSOR
CN90SE
QGA7901C1-02
Y9021 OPEN
Y9022 OPEN
LIVE
R9001
QRZ9046-105Z
F9001
QMF51D2-6R3-J1
LF9001
QQR1542-001
LF9002
QQR1466-001
C9002 1/275Vac
QFZ9075-105
QGAB801C1-02
CN90PW
VA9001
ERZV10V621CS
(QAF0060-621)
C9001 1/275Vac
QFZ9075-105
LF9003
QQR1467-001
R9201
20 5W
QRZ0121-200
R9202
OPEN
C9201
.0022 /250Vrms
QCZ9078-222
H9211 (1/3)
LC32697-001A
C9204
.0022 /250Vrms
QCZ9078-222
D9201
D25XB60
R9002
OPEN
C9011
QCZ9079-102
C9013
QCZ9079-102
RY9021 QSK0119-001
D9021
MA111-X
RY9201
QSK0117-001
D9202
MA111-X
C9203
.0022 /250Vrms
QCZ9078-222
C9205
.0022 /250Vrms
QCZ9078-222
R9219
22K
1/2W
FG CN90E1
QUB130-42FXZA
RECEIVER PWB(1/2)
SHEET 1
GND2
Q9021
UN2211-X
R9021
0
C9021
OPEN
GND2
ISOLATED
R9211
470k
1/2W
R9212
470k
1/2W
R9991
QRZ0107-685Z
C9198
.0047 /275Vac
QCZ9079-472
(QCZ9071-472)
GND2
GND3
R9203 QRG01GJ-181
R9213
330k
1/2W
R9003
47K
QRE121J-473Y
R9148
10k
PC9001 PC123Y22
D9001
MA3047/H/-X
R9004
47K
QRE121J-473Y
GND2
R9101 4.7 7W
QRZ0216-4R7
IC9141 BA05FP-X
GND2
R9214
15k
C9214
.001 /50
NDC31H
C9212
0.01 /50
NCB31HK-103X
C9213
0.68 /16
NCB21CK-684X
C9101
4700p/250Vrms
QCZ9078-472
(QCZ9073-472)
C9102
4700p/250Vrms
QCZ9078-472
(QCZ9073-472)
CP9121
QMFZ052-2R0-E
T9121
QAL0425-001
L9141
QQL26AK-470Z
D9141 OPEN
K9111
NQR0413-003X
C9143
100/16
QEHR1CM-107Z
D9111
S1WB/A/60-4101
C9111
22 /400
QEHQ2GM-226
GND2
C9142
330/10
QEHR1AM-337Z
C9141
470/16
QTMN1CM-477Z
C9103
4700p/250Vrms
QCZ9078-472
(QCZ9073-472)
GND1
GND1
R9141
QRX01GJ-1R0
R9142
QRX01GJ-R82
R9199 OPEN
C9197 OPEN
GND1
GND2


R9005
0 1/2W
GND3
G_H9211
L9201 QQR1468-001
14
15
10
11
12
13
3
2
6
7
5
1
C9217
QCZ0340-102
H9211 (2/3)
LC32697-001A
D9211
YG972S6R
CP9211
QMFZ043-5R0Z-J1
K9211
K9212
QQR0621-002Z
QQR0621-002Z
C9211 1.5 /400V
MPP
QFZ0213-155
H9211 (3/3)
LC32697-001A
C9216
220/450
QEZ0650-227
Y9201
10
Q9211
2SK3522-01-F1
1 D
2 G
3 S
R9220
0.15
QRM059J-R15
R9221
0.27
QRM059J-R27
GND3
R9222
330k
1/2W
R9225
330k
1/2W
R9223
330k
1/2W
R9226
330k
1/2W
R9224
390k
1/2W
R9227
390k
1/2W
R9236
470k
1/2W
R9216
220k
R9217
220k
R9233
470k 1/2W
D9214 MA111-X
IC9211
MC33262D-X
C9215
47/35
QEHR1VM-476Z
Q9213 IMD3A-W
R9237
10k
R9228
10k
R9218
10k
0.5%
R9229
OPEN
Q9212
2SC3928A/QR/-X
Q9215
2SC3928A/QR/-X
C9218
.01 /50
NCB31HK-103X
R9215
330
C9214
.001 /50
NDC31HJ-102K
D9213
MA111-X
-684X
GND3
D9254
D1FL20U-X
R9256
15k
R9255
220k
C9252
NCB21HK-104X
Q9252
UN2213-X
GND3
Q9251
UN2213-X
R9251
0
D9251
MA3068/M/-X
R9253
22k
D9252
MA111-X
R9252
OPEN
C9251
QETN1HM-107Z
D9253
MA111-X
R9254
47k
Q9301
2SC4682-T
R9302
1k
D9301
MTZJ16C-T2
C9301
22/25
QETN1EM-226Z
GND3
CN90BL
QGA7901C1-03
EH
3 16V
2 GND3
1 380V
LAMP BALLAST UNIT
380V
GND3
C9219
QCZ0122-471
18V
380V
GND3
18V
20V
SHEET 29
CN90G
QGA2001C1-07 EH
1 STB5V
2 GND2
3 MAIN_POW
4 AC_IN
5 GND2
6 POW_GOOD
7 BS_POW
ANALOG SIGNAL PWB(5/5)
SHEET 8
R9241
OPEN
R9242
OPEN
R9243
OPEN
Q9242
OPEN
PC9241
OPEN
C9241
OPEN
GND2
Y9241
OPEN
GND2
GND2
Q9241
OPEN
GND3
GND2

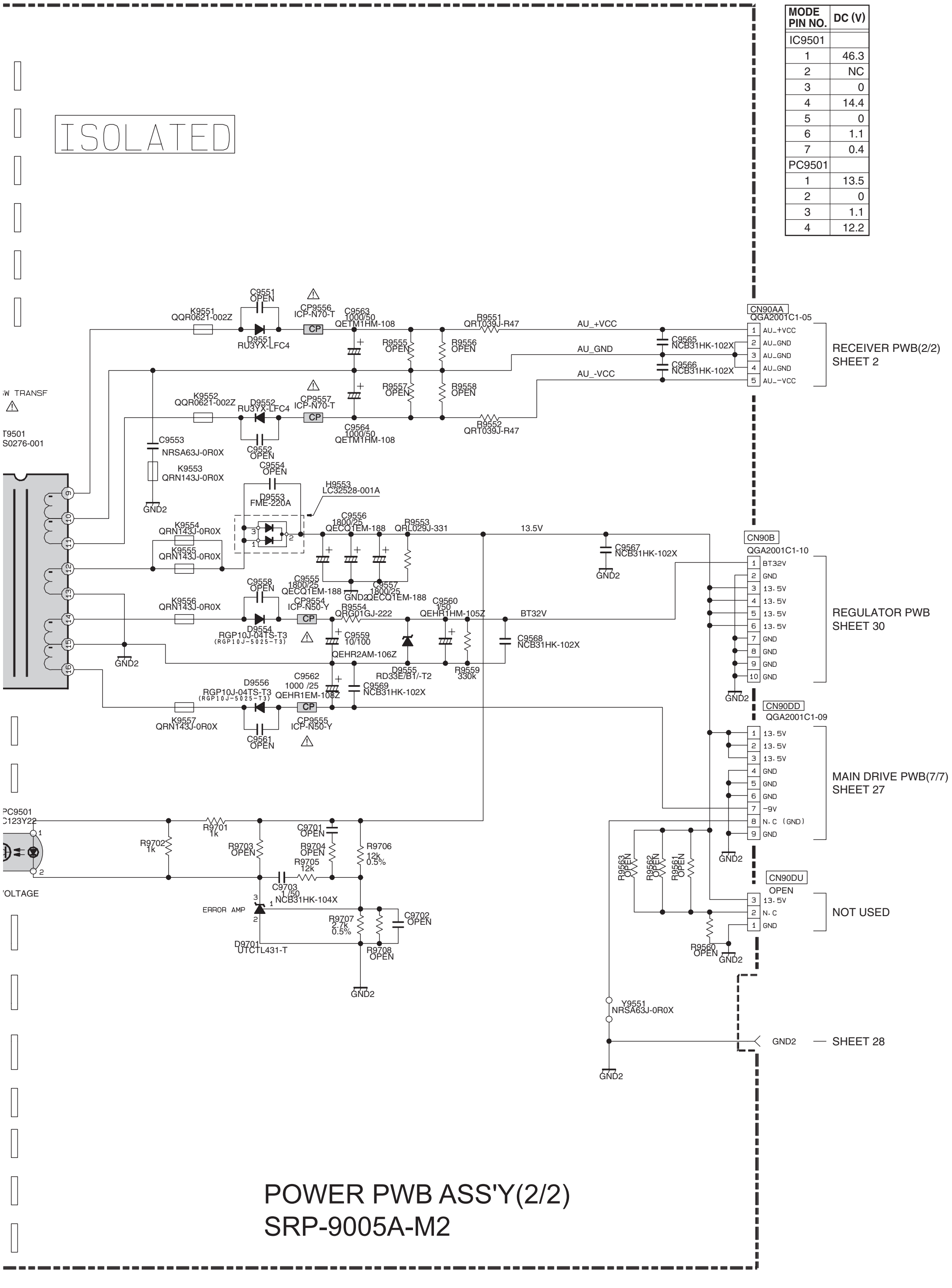
POWER PWB ASS'Y(1/2)
SRP-9005A-M2

MODE PIN NO.	DC (V)
IC9141	
1	5.6
2	0
3	4.7
IC9211	
1	1.8
2	2.4
3	0.9
4	0
5	2.2
6	0
7	8.9
8	13.7
IC9213	
1	0
2	0
3	13.7
4	0
5	6.9
6	0
PC9001	
1	47.4
2	47.1
3	0
4	2.8
Q9211	
S	0
D	110
G	9
Q9301	
E	15.9
C	20.4
B	0
Q9212	
E	0
C	6.8
B	0
Q9215	
E	0
C	0
B	0.5

POWER PWB CIRCUIT DIAGRAM (2/2) SHEET 29


LIVE
SHEET 28
380V
380V
GND3
GND3
18V
18V
20V
20V
D9513
OPEN
C9510
100/50
QEHR1HM-107Z
D1FS4-X
D9511
R9501
100k
QRL039J-104
R9502
33k
QRL039J-333
SW TRAN
T9501
QQS0276-0
R9504
390k
QRE121J-394Y
R9503
QRE121J-394Y
C9501
0.0033 /630
QFP32JK-332
R9505
22
QRL039J-220
D9502
SARS01-T2
D9501
SARS01-T2
H9501
LC32528-001A
IC9501
STR-W6765-F5
D
NC
S/GND
VCC
SS/OLP
FB
OCP/BD
C9508
470p/2k
QCZ0340-471
K9502
QQR0621-002Z
R9512
QRX01GJ-R39
0.39
R9513
OPEN
K9501
QQR0621-002Z
D9514
RD12E/B2/-T5
C9506 1/50
QEHR1HM-105Z
NCB31HK-104X
C9507
.1/50
R9510
1k
R9511
100
QRK126J-101X
C9505
470p/50
CH
NDC31HJ-471X
D9504
D1FS4-X
D9505
RD33E/B1/-T2
GND3
C9504
22 /50
QETN1HM-226Z
R9516
100k
R9507
10 1/2W
D9503
RGP10J-04TS-T3
(RGP10J-5025-T3)
R9506
12
QRZ9017-120
R9508
1.2K 1/2W
D9507
MA111-X
D9506
D1FL20U-X
C9503
0.0033 /50
NCB31HK-332X
R9509
OPEN
D9509
OPEN
D9508
OPEN
R9514
3.3k
PC9501
PC123Y2
C9509
OPEN
D9510
MA111-X
VOLTAG
R9515
QRZ9017-4R7
D9512
D1FL20U-X
C9511
100/50
QEHR1HM-107Z
GND3

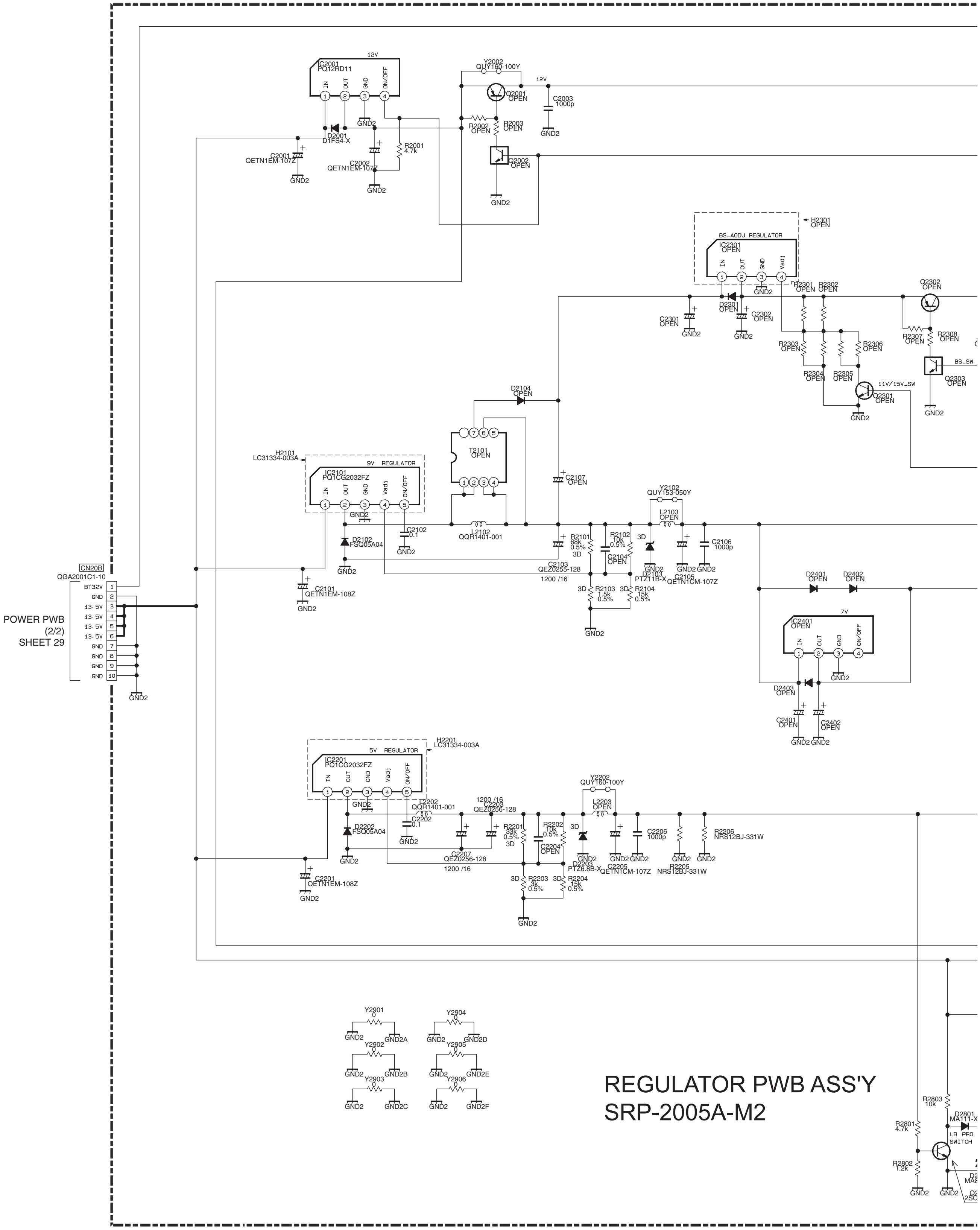
MODE PIN NO.	DC (V)
IC9501	
1	46.3
2	NC
3	0
4	14.4
5	0
6	1.1
7	0.4
PC9501	
1	13.5
2	0
3	1.1
4	12.2



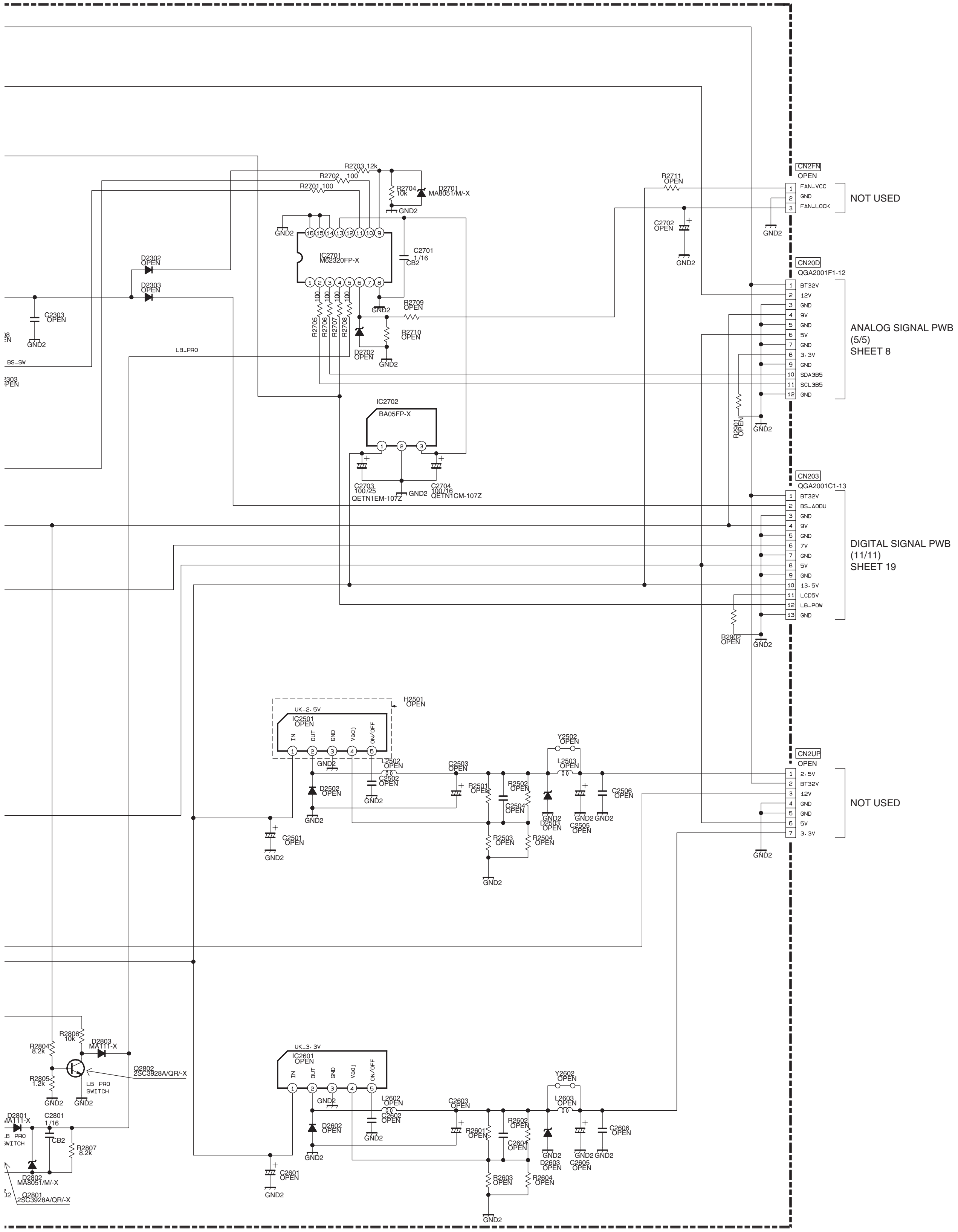
ISOLATED
C9551 OPEN
K9551 QQR0621-002Z
D9551 RU3YX-LFC4
CP9556 ICP-N70-T
C9563 1000/50 QETM1HM-108
R9555 OPEN
R9556 OPEN
R9551 QRT039J-R47
AU_+VCC
AU_GND
AU_-VCC
C9565 NCB31HK-102X
C9566 NCB31HK-102X
CN90AA QGA2001C1-05
AU_+VCC
AU_GND
AU_GND
AU_GND
AU_-VCC
RECEIVER PWB(2/2) SHEET 2
W TRANSF
T9501
S0276-001
K9552 QQR0621-002Z
D9552 RU3YX-LFC4
CP9557 ICP-N70-T
R9557 OPEN
R9558 OPEN
C9564 1000/50 QETM1HM-108
R9552 QRT039J-R47
C9552 OPEN
C9553 NRSA63J-0R0X
K9553 QRN143J-0R0X
GND2
C9554 OPEN
D9553 FME-220A
H9553 LC32528-001A
C9556 1800/25 QECQ1EM-188
R9553 QRL029J-331
13.5V
C9567 NCB31HK-102X
CN90B QGA2001C1-10
K9554 QRN143J-0R0X
K9555 QRN143J-0R0X
C9555 1800/25 QECQ1EM-188
C9557 1800/25 QECQ1EM-188
C9558 OPEN
K9556 QRN143J-0R0X
CP9554 ICP-N50-Y
R9554 QRG01GJ-222
C9560 1/50 QEHR1HM-105Z
BT32V
D9554 RGP10J-04TS-T3 (RGP10J-5025-T3)
C9559 10/100 QEHR2AM-106Z
D9555 RD33E/B1/-T2
R9559 330k
C9568 NCB31HK-102X
BT32V
GND
13.5V
13.5V
13.5V
13.5V
GND
GND
GND
GND
REGULATOR PWB SHEET 30
D9556 RGP10J-04TS-T3 (RGP10J-5025-T3)
C9562 1000 /25 QEHR1EM-108Z
C9569 NCB31HK-102X
K9557 QRN143J-0R0X
CP9555 ICP-N50-Y
C9561 OPEN
CN90DD QGA2001C1-09
13.5V
13.5V
13.5V
GND
GND
GND
-9V
N.C (GND)
GND
MAIN DRIVE PWB(7/7) SHEET 27
PC9501
C123Y22
R9701 1k
R9702 1k
C9701 OPEN
R9703 OPEN
R9704 OPEN
R9705 12k
R9706 12k 0.5%
C9703 1/50 NCB31HK-104X
ERROR AMP
R9707 2.7k 0.5%
C9702 OPEN
R9708 OPEN
D9701 UTCTL431-T
VOLTAGE
R9563 OPEN
R9562 OPEN
R9561 OPEN
CN90DU OPEN
13.5V
N.C
GND
NOT USED
R9560 OPEN
Y9551 NRSA63J-0R0X
GND2
SHEET 28

POWER PWB ASS'Y(2/2)
SRP-9005A-M2

REGULATOR PWB CIRCUIT DIAGRAM SHEET 30

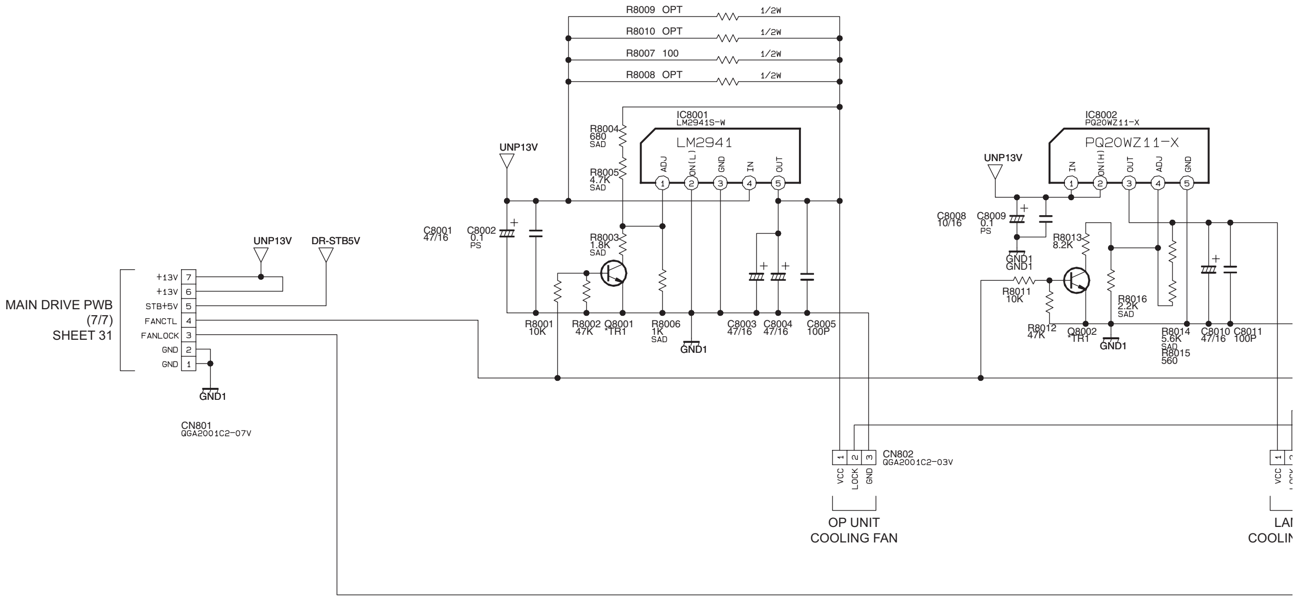


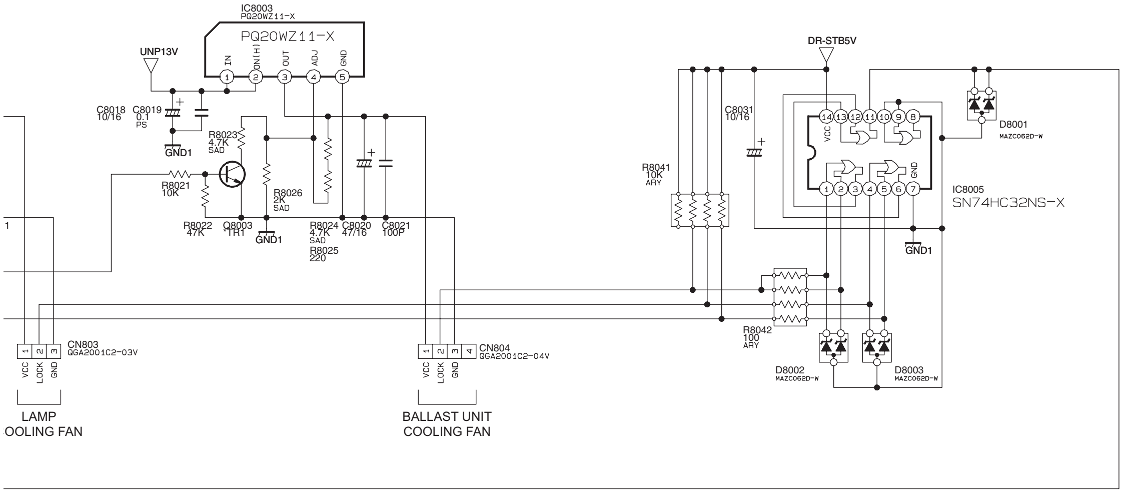
POWER PWB
(2/2)
SHEET 29
CN20B
QGA2001C1-10
BT32V
GND
13.5V
13.5V
13.5V
13.5V
GND
GND
GND
GND
GND2
IC2001
PQ12RD11
12V
IN
OUT
GND
ON/OFF
D2001
D1FS4-X
C2001
QETN1EM-107Z
C2002
QETN1EM-107Z
R2001
4.7k
Y2002
QUY160-100Y
Q2001
OPEN
R2002
OPEN
R2003
OPEN
Q2002
OPEN
C2003
1000p
12V
H2301
OPEN
BS_AODU REGULATOR
IC2301
OPEN
Vadj
D2301
OPEN
C2301
OPEN
C2302
OPEN
R2301
OPEN
R2302
OPEN
R2303
OPEN
R2304
OPEN
R2305
OPEN
R2306
OPEN
Q2301
OPEN
11V/15V_SW
Q2302
OPEN
R2307
OPEN
R2308
OPEN
Q2303
OPEN
BS_SW
D2104
OPEN
T2101
OPEN
H2101
LC31334-003A
9V REGULATOR
IC2101
PQ1CG2032FZ
D2102
FSQ05A04
C2102
0.1
L2102
QQR1401-001
C2107
OPEN
C2103
QEZ0255-128
1200 /16
C2101
QETN1EM-108Z
R2101
68k
0.5%
3D
R2102
10k
0.5%
C2104
OPEN
D2103
PTZ11B-X
Y2102
QUY153-050Y
L2103
OPEN
C2105
QETN1CM-107Z
C2106
1000p
R2103
1.5k
0.5%
R2104
15k
0.5%
D2401
OPEN
D2402
OPEN
IC2401
OPEN
7V
D2403
OPEN
C2401
OPEN
C2402
OPEN
H2201
LC31334-003A
5V REGULATOR
IC2201
PQ1CG2032FZ
D2202
FSQ05A04
L2202
QQR1401-001
C2202
0.1
C2203
QEZ0256-128
1200 /16
C2207
QEZ0256-128
1200 /16
C2201
QETN1EM-108Z
R2201
33k
0.5%
R2202
10k
0.5%
C2204
OPEN
D2203
PTZ6.8B-X
Y2202
QUY160-100Y
L2203
OPEN
C2205
QETN1CM-107Z
C2206
1000p
R2205
NRS12BJ-331W
R2206
NRS12BJ-331W
R2203
3k
0.5%
R2204
15k
0.5%
Y2901
Y2902
Y2903
Y2904
Y2905
Y2906
GND2A
GND2B
GND2C
GND2D
GND2E
GND2F
REGULATOR PWB ASS'Y
SRP-2005A-M2
R2803
10k
D2801
MA111-X
LB PRO
SWITCH
R2801
4.7k
R2802
1.2k


CN2FN
OPEN
FAN_VCC
GND
FAN_LOCK
NOT USED
R2711 OPEN
C2702 OPEN
GND2
R2703 12k
R2702 100
R2701 100
R2704 10k
D2701 MA8051/M/-X
IC2701 M62320FP-X
C2701 1/16 CB2
R2705
R2706
R2707
R2708
R2709 OPEN
R2710 OPEN
D2702 OPEN
D2302 OPEN
D2303 OPEN
C2303 OPEN
BS_SW
LB_PRO
IC2702
BA05FP-X
C2703 100/25 QETN1EM-107Z
C2704 100/16 QETN1CM-107Z
CN20D
QGA2001F1-12
BT32V
12V
GND
9V
5V
3.3V
SDA3B5
SCL3B5
ANALOG SIGNAL PWB
(5/5)
SHEET 8
R2901 OPEN
CN203
QGA2001C1-13
BS_AODU
7V
13.5V
LCD5V
LB_POW
DIGITAL SIGNAL PWB
(11/11)
SHEET 19
R2902 OPEN
H2501 OPEN
UK_2.5V
IC2501 OPEN
IN
OUT
GND
Vadj
ON/OFF
L2502 OPEN
C2502 OPEN
D2502 OPEN
C2501 OPEN
C2503 OPEN
R2501 OPEN
R2502 OPEN
C2504 OPEN
R2503 OPEN
R2504 OPEN
Y2502 OPEN
L2503 OPEN
D2503 OPEN
C2505 OPEN
C2506 OPEN
CN2UP
OPEN
2.5V
NOT USED
UK_3.3V
IC2601 OPEN
L2602 OPEN
C2602 OPEN
D2602 OPEN
C2601 OPEN
C2603 OPEN
R2601 OPEN
R2602 OPEN
C2604 OPEN
R2603 OPEN
R2604 OPEN
Y2602 OPEN
L2603 OPEN
D2603 OPEN
C2605 OPEN
C2606 OPEN
R2806 10k
R2804 8.2k
R2805 1.2k
D2803 MA111-X
Q2802 2SC3928A/QR/-X
LB PRO SWITCH
D2801 MA111-X
C2801 1/16 CB2
R2807 8.2k
D2802 MA8051/M/-X
Q2801 2SC3928A/QR/-X

MODE PIN NO.	DC (V)
IC2001	
1	13.5
2	11.8
3	0
4	0
IC2101	
1	13.5
2	8.8
3	0
4	0
5	0
IC2201	
1	13.5
2	4.8
3	0
4	0
5	0
IC2701	
1	0
2	4.9
3	4.9
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	5
14	0
15	0
16	0
IC2702	
1	13.5
2	0
3	5
Q2801	
E	0
C	13.5
B	1.8
Q2802	
E	0
C	13.5
B	8.8

FAN CONTROL PWB ASS'Y
SRP-8105A-M2

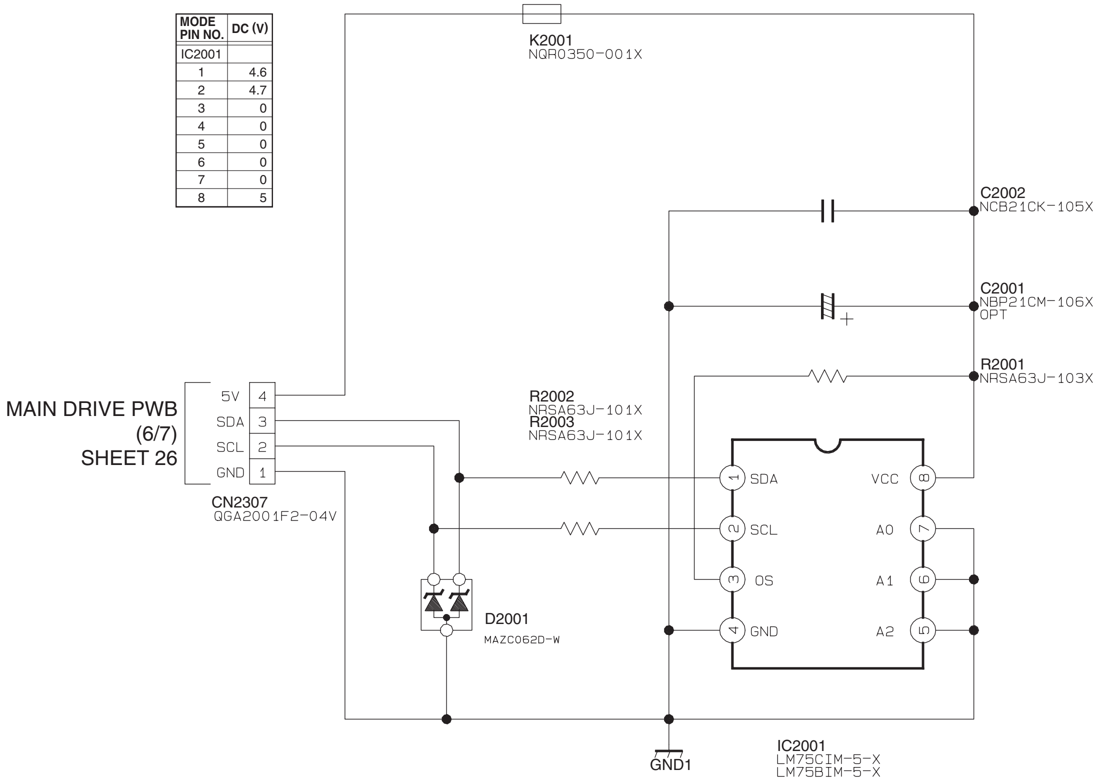

R8009 OPT 1/2W
R8010 OPT 1/2W
R8007 100 1/2W
R8008 OPT 1/2W
IC8001
LM2941S-W
LM2941
ADJ
ON(L)
GND
IN
OUT
1
2
3
4
5
R8004 680 SAD
R8005 4.7K SAD
UNP13V
C8001 47/16
C8002 0.1 PS
R8003 1.8K SAD
R8001 10K
R8002 47K
Q8001 *TR1
R8006 1K SAD
GND1
C8003 47/16
C8004 47/16
C8005 100P
UNP13V
DR-STB5V
MAIN DRIVE PWB (7/7) SHEET 31
+13V 7
+13V 6
STB+5V 5
FANCTL 4
FANLOCK 3
GND 2
GND 1
GND1
CN801
QGA2001C2-07V
CN802
QGA2001C2-03V
1 2 3
VCC
LOCK
GND
OP UNIT
COOLING FAN
IC8002
PQ20WZ11-X
PQ20WZ11-X
IN
ON(H)
OUT
ADJ
GND
1
2
3
4
5
UNP13V
C8008 10/16
C8009 0.1 PS
GND1
GND1
R8013 8.2K
R8011 10K
R8012 47K
Q8002 *TR1
GND1
R8016 2.2K SAD
R8014 5.6K SAD
R8015 560
C8010 47/16
C8011 100P
1
VCC
LAI
COOLIN


IC8003
PQ20WZ11-X
PQ20WZ11-X
IN
ON(H)
OUT
ADJ
GND
1
2
3
4
5
UNP13V
C8018
10/16
C8019
0.1
PS
GND1
R8023
4.7K
SAD
R8021
10K
R8026
2K
SAD
1
R8022
47K
Q8003
*TR1
GND1
R8024
4.7K
SAD
R8025
220
C8020
47/16
C8021
100P
CN803
QGA2001C2-03V
VCC
LOCK
GND
LAMP
OOLING FAN
CN804
QGA2001C2-04V
VCC
LOCK
GND
BALLAST UNIT
COOLING FAN
DR-STB5V
C8031
10/16
R8041
10K
ARY
VCC
GND
IC8005
SN74HC32NS-X
GND1
D8001
MAZC062D-W
R8042
100
ARY
D8002
MAZC062D-W
D8003
MAZC062D-W

MODE PIN NO.	DC (V)
IC8001	
1	3.4
2	0
3	0
4	12.8
5	11.8
IC8002	
1	12.8
2	12.8
3	11.8
4	3.4
5	0
IC8003	
1	12.8
2	12.8
3	11.8
4	3.4
5	0
IC8005	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	3.2
12	0
13	0
14	12.8
Q8001	
E	0
C	3.4
B	3.6
Q8002	
E	0
C	3.4
B	3.6
Q8003	
E	0
C	3.4
B	3.6

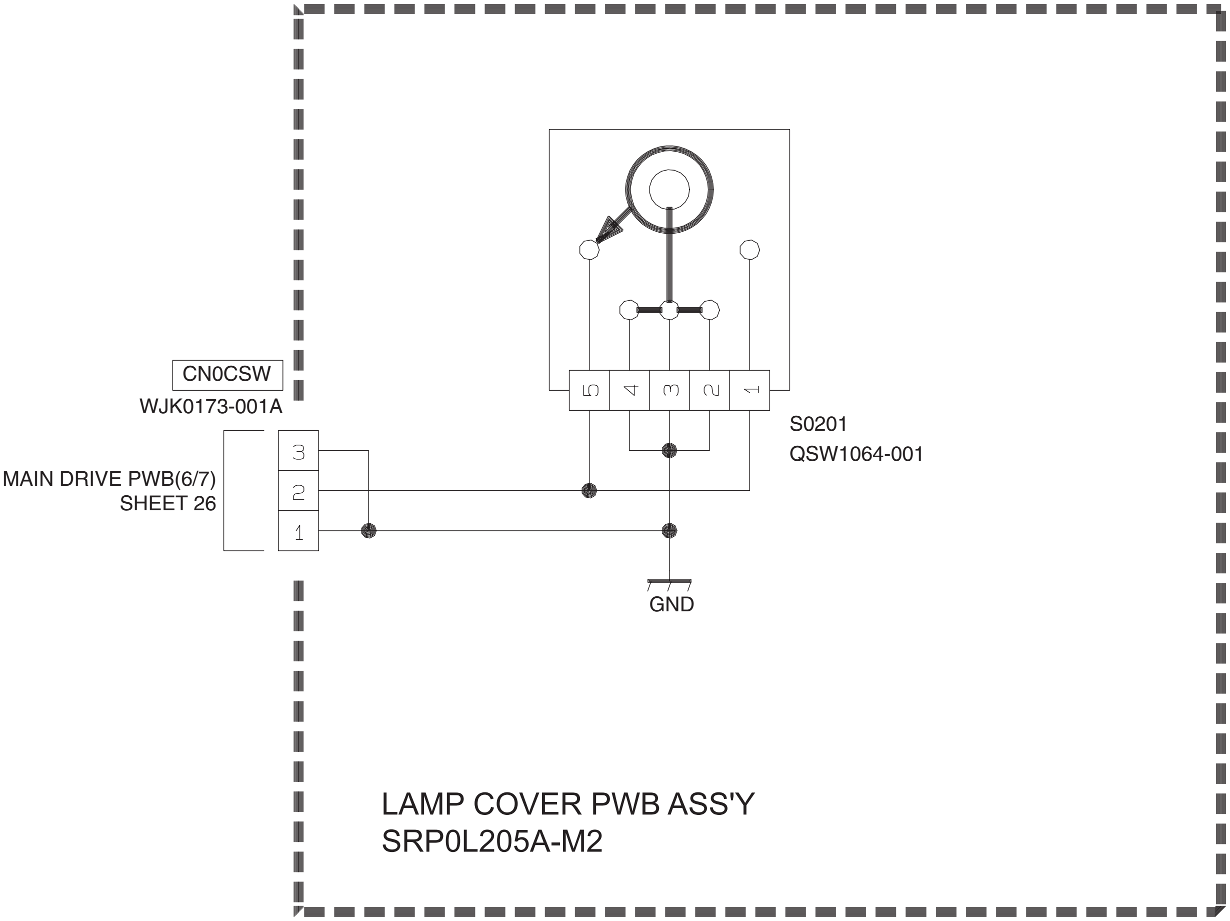
TEMP. SENSOR PWB CIRCUIT DIAGRAM SHEET 32

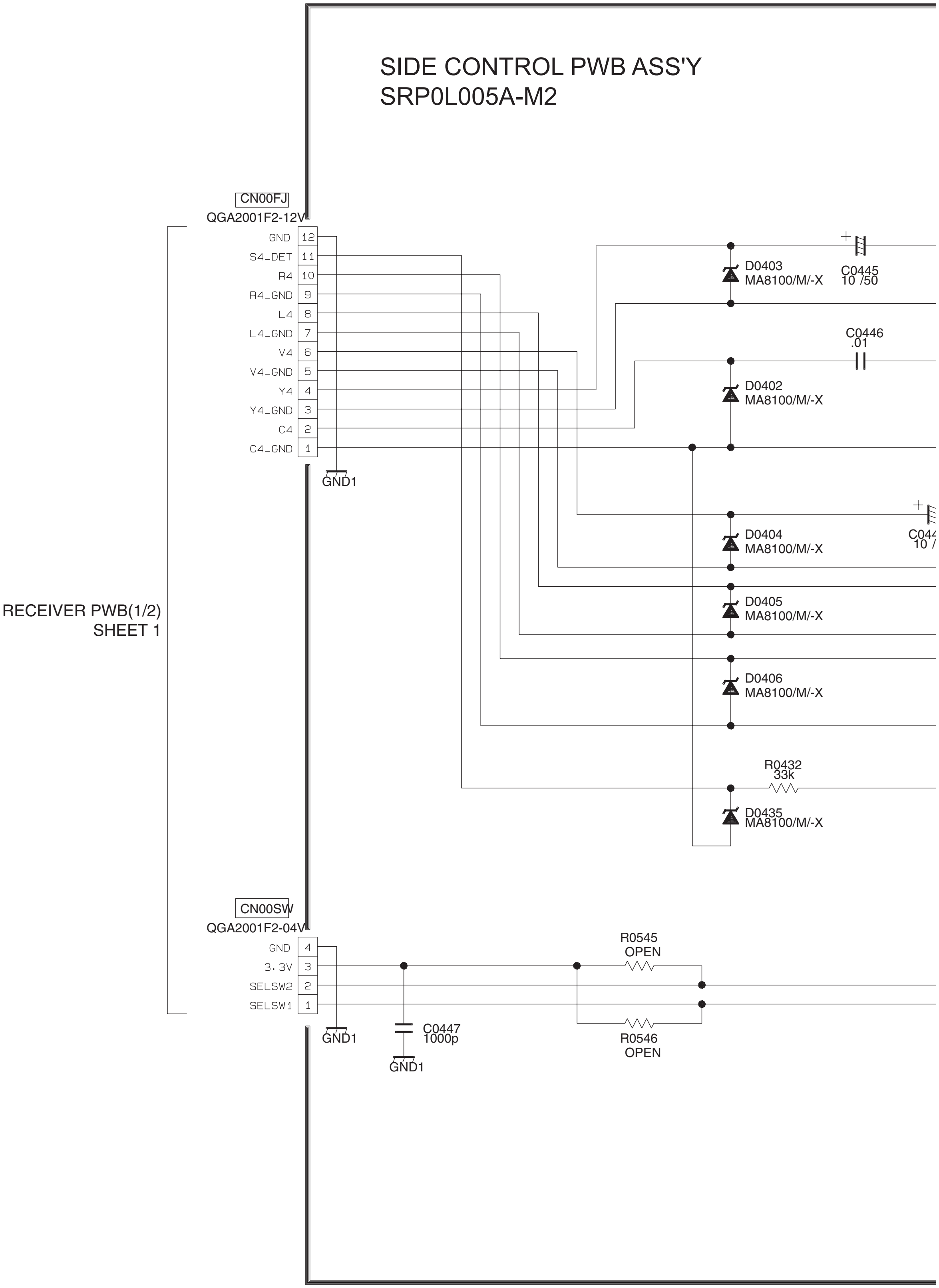
TEMP. SENSOR PWB ASS'Y
SRP-8205A-M2

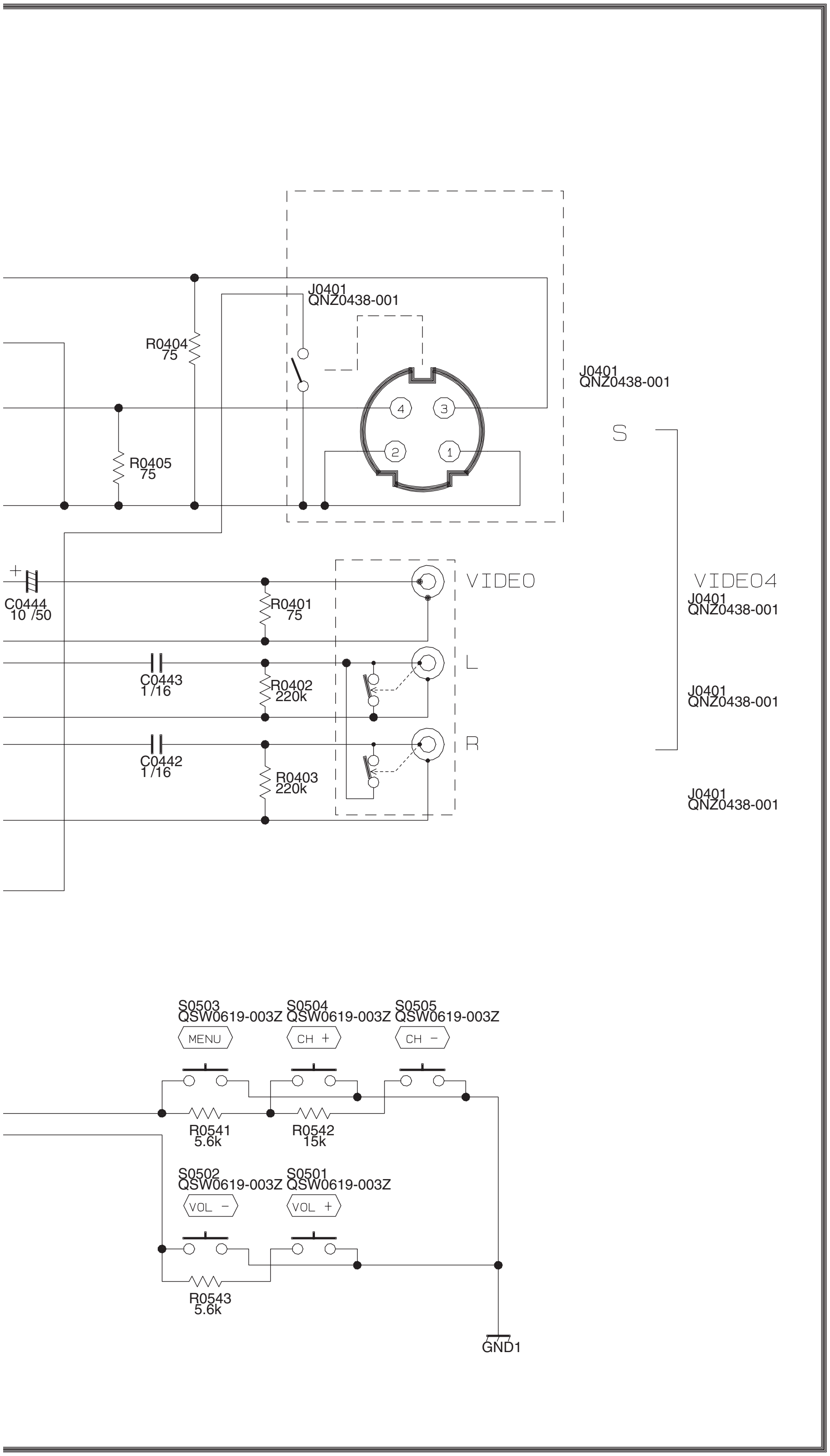


MODE PIN NO.	DC (V)
IC2001	
1	4.6
2	4.7
3	0
4	0
5	0
6	0
7	0
8	5

K2001
NQR0350-001X
C2002
NCB21CK-105X
C2001
NBP21CM-106X
OPT
R2001
NRSA63J-103X
MAIN DRIVE PWB
(6/7)
SHEET 26
5V 4
SDA 3
SCL 2
GND 1
CN2307
QGA2001F2-04V
R2002
NRSA63J-101X
R2003
NRSA63J-101X
1 SDA
2 SCL
3 OS
4 GND
VCC 8
A0 7
A1 6
A2 5
D2001
MAZC062D-W
GND1
IC2001
LM75CIM-5-X
LM75BIM-5-X

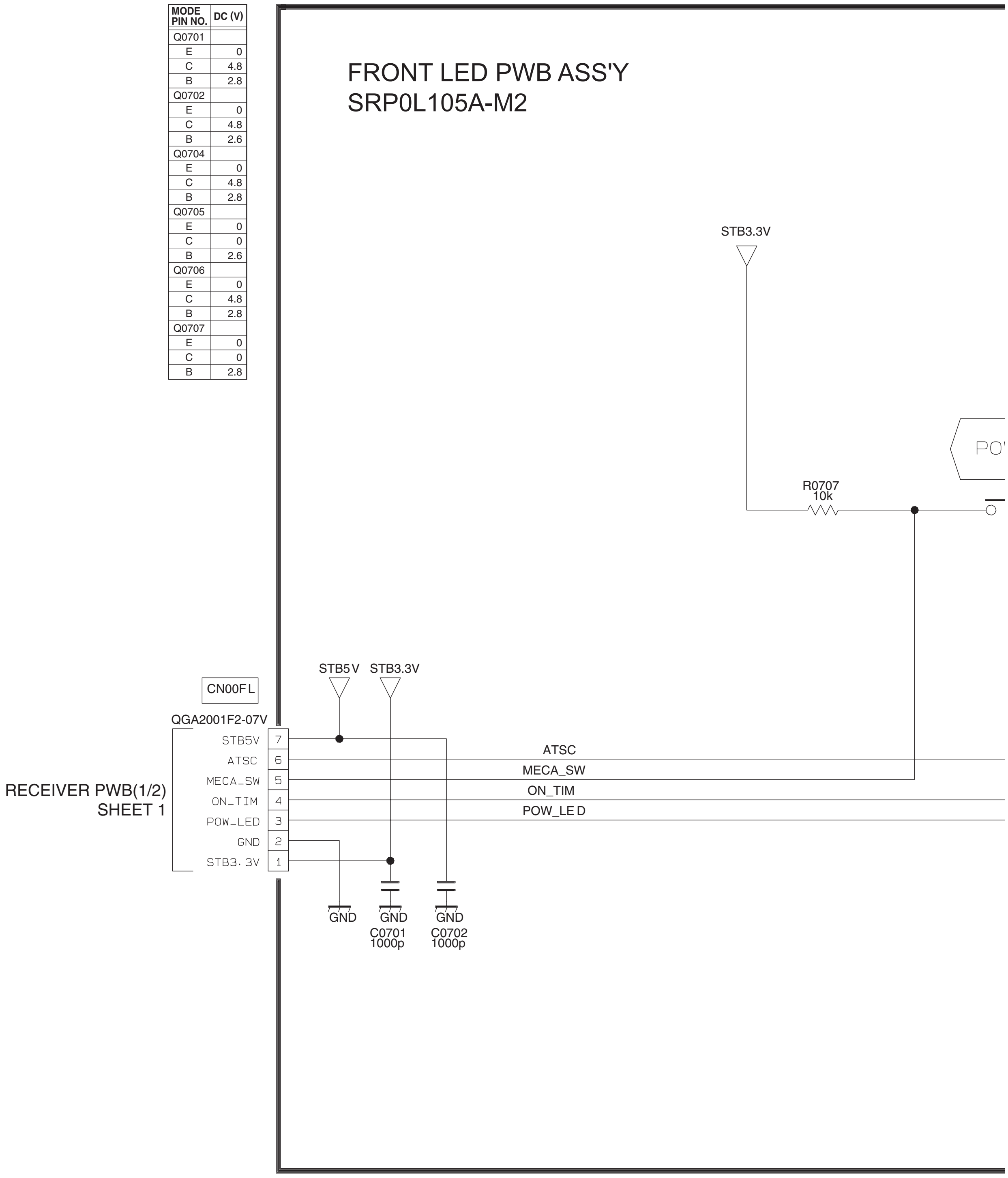

CN0CSW
WJK0173-001A
MAIN DRIVE PWB(6/7)
SHEET 26
3
2
1
5
4
3
2
1
S0201
QSW1064-001
GND
LAMP COVER PWB ASS'Y
SRP0L205A-M2

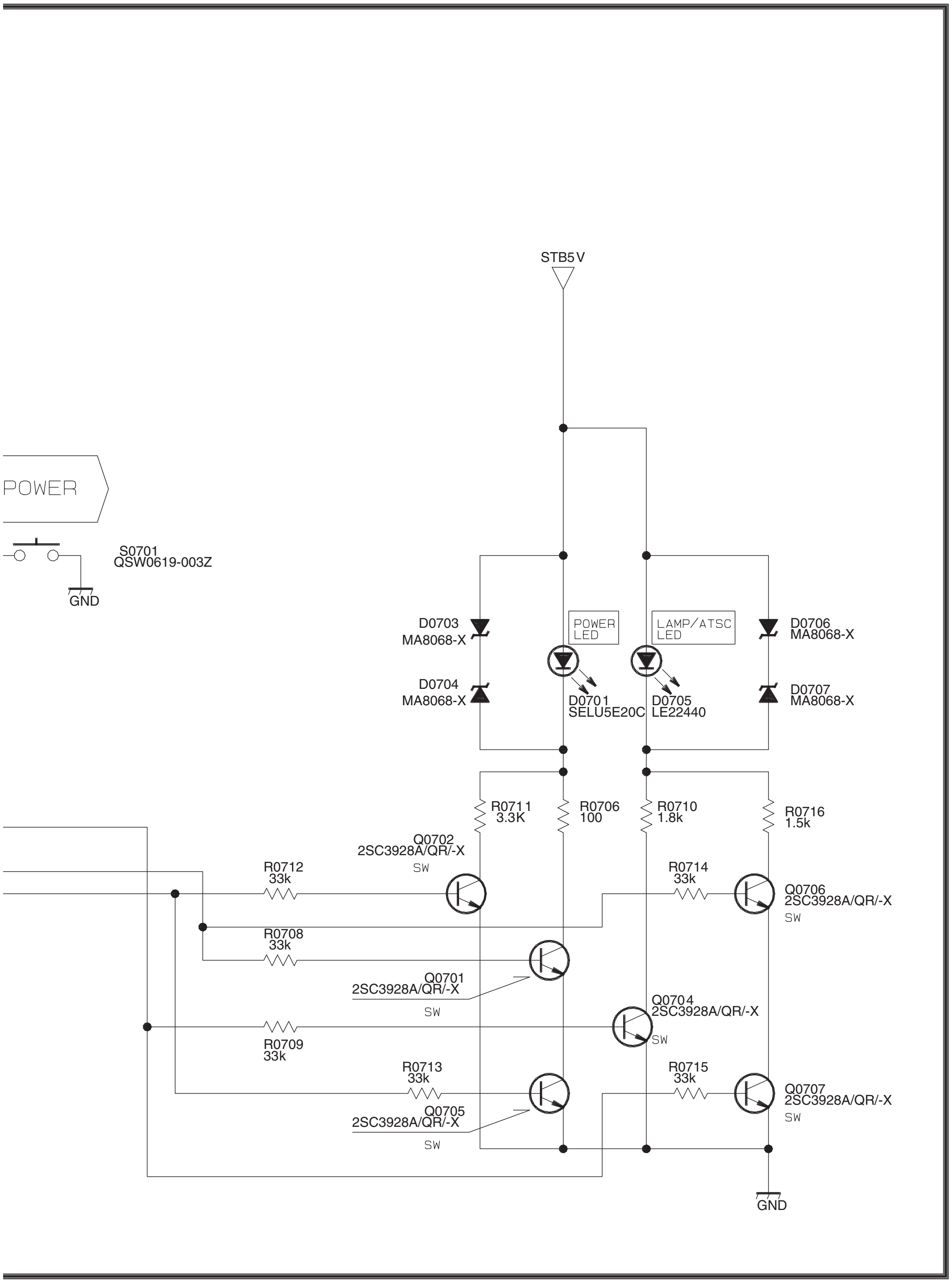

SIDE CONTROL PWB ASS'Y
SRP0L005A-M2
CN00FJ
QGA2001F2-12V
GND 12
S4_DET 11
R4 10
R4_GND 9
L4 8
L4_GND 7
V4 6
V4_GND 5
Y4 4
Y4_GND 3
C4 2
C4_GND 1
GND1
D0403
MA8100/M/-X
C0445
10 /50
C0446
.01
D0402
MA8100/M/-X
D0404
MA8100/M/-X
C044
10 /
D0405
MA8100/M/-X
D0406
MA8100/M/-X
R0432
33k
D0435
MA8100/M/-X
RECEIVER PWB(1/2)
SHEET 1
CN00SW
QGA2001F2-04V
GND 4
3.3V 3
SELSW2 2
SELSW1 1
GND1
C0447
1000p
GND1
R0545
OPEN
R0546
OPEN


J0401
QNZ0438-001
R0404
75
R0405
75
4
3
2
1
J0401
QNZ0438-001
S
C0444
10 /50
R0401
75
VIDEO
VIDEO4
J0401
QNZ0438-001
C0443
1/16
R0402
220k
L
J0401
QNZ0438-001
C0442
1/16
R0403
220k
R
J0401
QNZ0438-001
S0503
QSW0619-003Z
MENU
S0504
QSW0619-003Z
CH +
S0505
QSW0619-003Z
CH −
R0541
5.6k
R0542
15k
S0502
QSW0619-003Z
VOL −
S0501
QSW0619-003Z
VOL +
R0543
5.6k
GND1

FRONT LED PWB CIRCUIT DIAGRAM SHEET 34

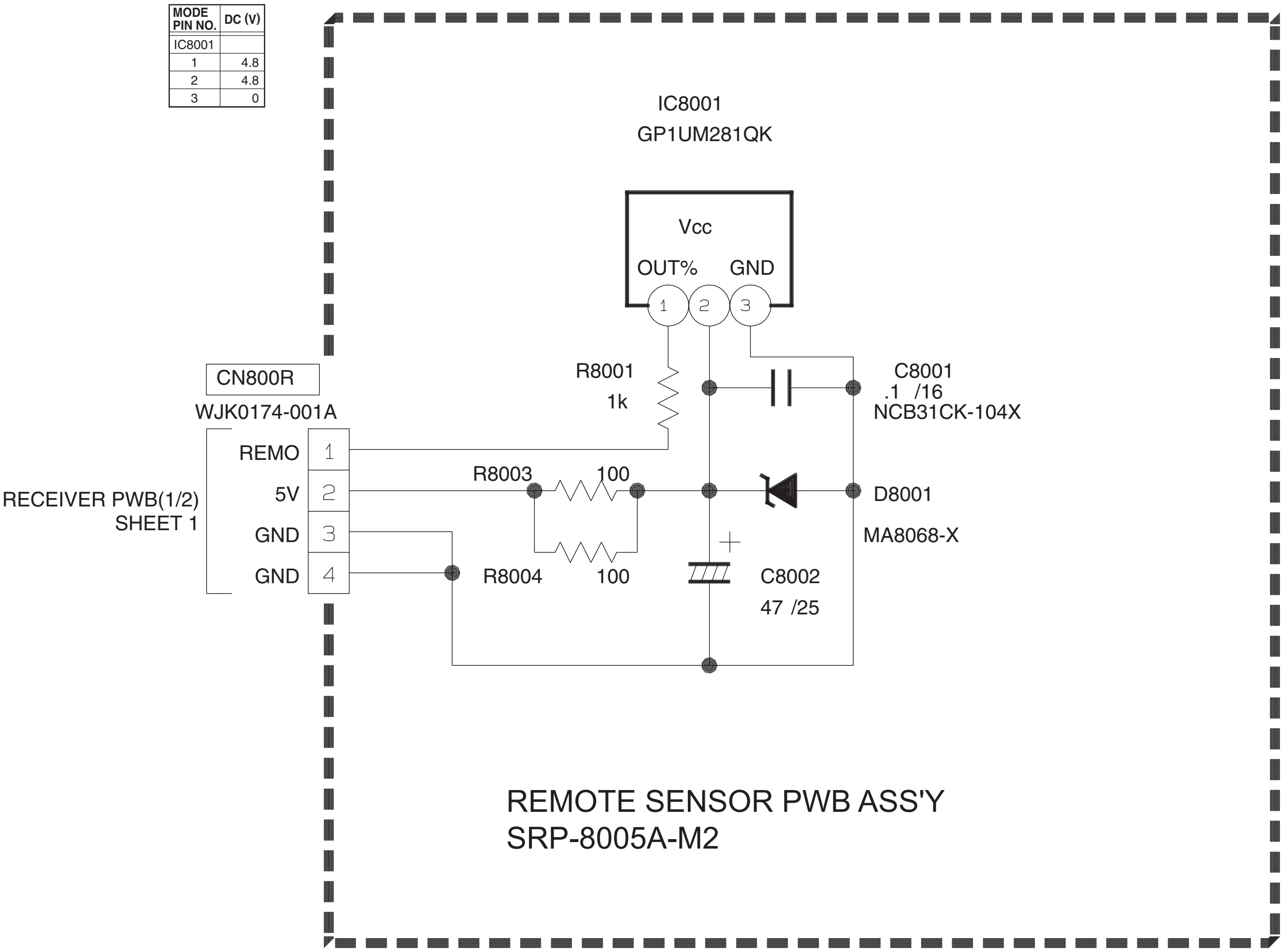
MODE PIN NO.	DC (V)
Q0701	
E	0
C	4.8
B	2.8
Q0702	
E	0
C	4.8
B	2.6
Q0704	
E	0
C	4.8
B	2.8
Q0705	
E	0
C	0
B	2.6
Q0706	
E	0
C	4.8
B	2.8
Q0707	
E	0
C	0
B	2.8


FRONT LED PWB ASS'Y
SRP0L105A-M2
STB3.3V
PO
R0707
10k
CN00FL
QGA2001F2-07V
STB5V
STB3.3V
RECEIVER PWB(1/2)
SHEET 1
STB5V 7
ATSC 6
MECA_SW 5
ON_TIM 4
POW_LED 3
GND 2
STB3.3V 1
ATSC
MECA_SW
ON_TIM
POW_LED
GND
GND
GND
C0701
1000p
C0702
1000p


STB5V
POWER
S0701
QSW0619-003Z
GND
D0703
MA8068-X
D0704
MA8068-X
POWER
LED
D0701
SELU5E20C
LAMP/ATSC
LED
D0705
LE22440
D0706
MA8068-X
D0707
MA8068-X
R0711
3.3K
R0706
100
R0710
1.8k
R0716
1.5k
Q0702
2SC3928A/QR/-X
SW
R0712
33k
R0714
33k
Q0706
2SC3928A/QR/-X
SW
R0708
33k
Q0701
2SC3928A/QR/-X
SW
Q0704
2SC3928A/QR/-X
SW
R0709
33k
R0713
33k
R0715
33k
Q0705
2SC3928A/QR/-X
SW
Q0707
2SC3928A/QR/-X
SW
GND

REMOTE SENSOR PWB CIRCUIT DIAGRAM SHEET 35

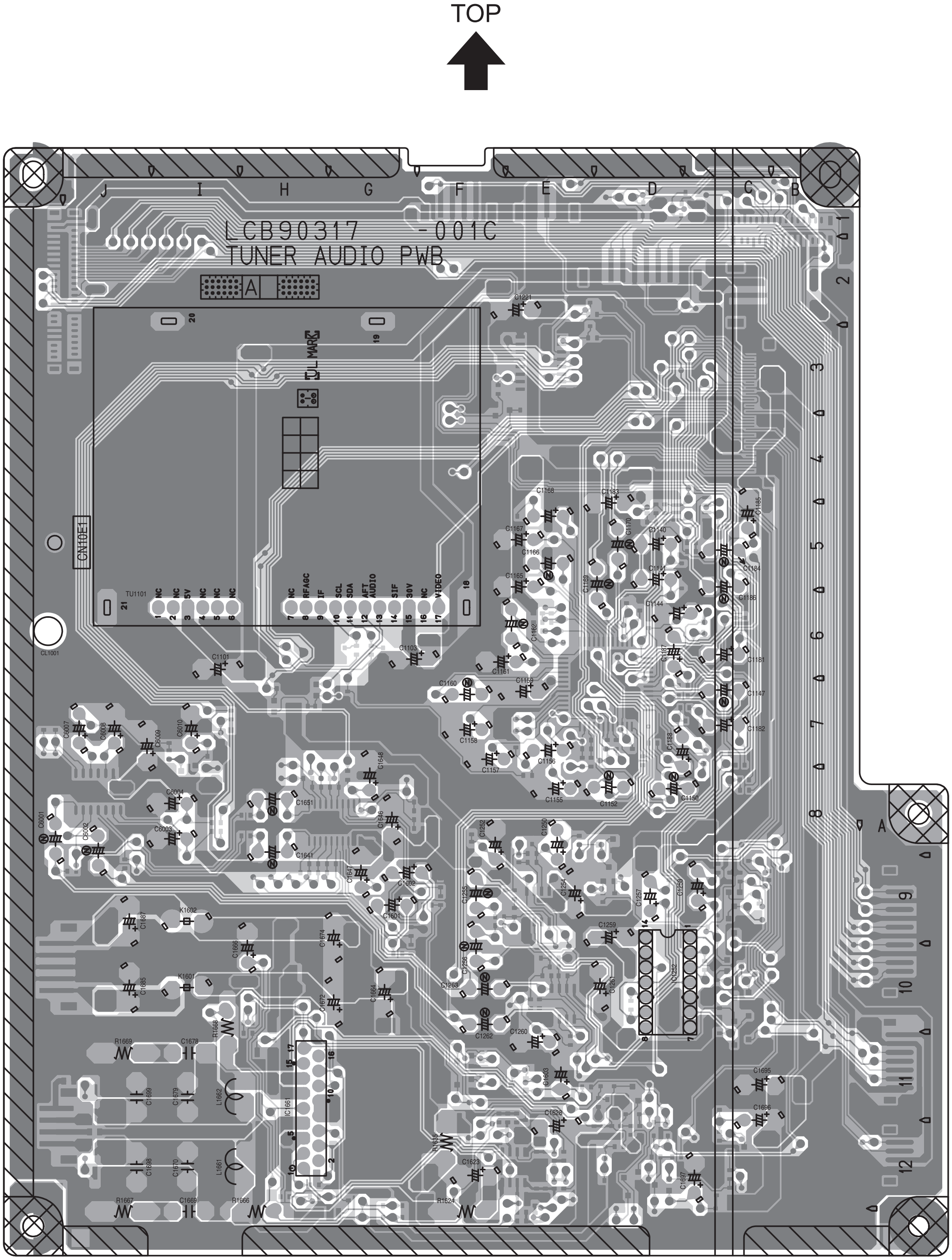
MODE PIN NO.	DC (V)
IC8001	
1	4.8
2	4.8
3	0



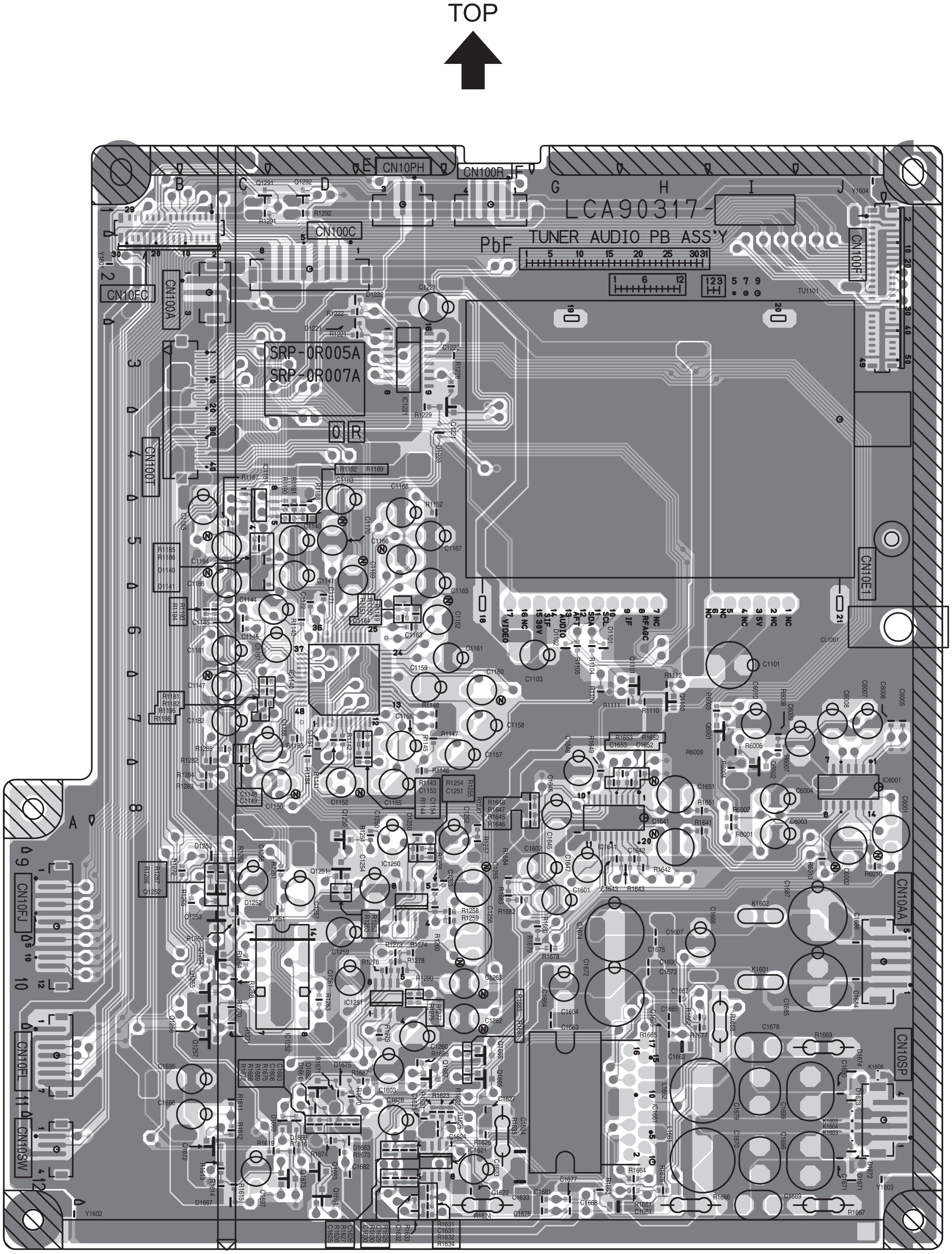
IC8001
GP1UM281QK
Vcc
OUT%
GND
1
2
3
R8001
1k
C8001
.1 /16
NCB31CK-104X
CN800R
WJK0174-001A
REMO
5V
GND
GND
1
2
3
4
RECEIVER PWB(1/2)
SHEET 1
R8003
100
D8001
MA8068-X
R8004
100
C8002
47 /25
REMOTE SENSOR PWB ASS'Y
SRP-8005A-M2

PATTERN DIAGRAMS

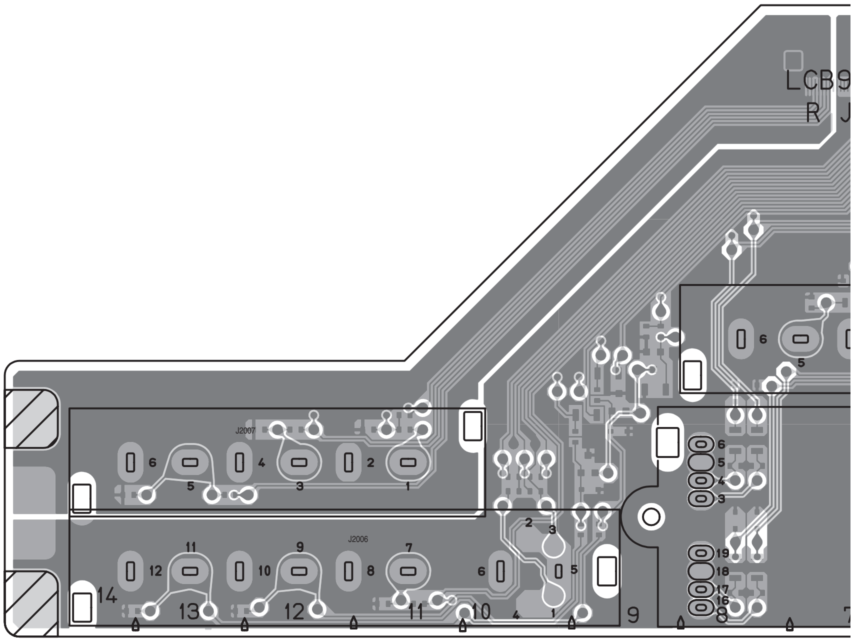
RECEIVER PWB PATTERN [SOLDER SIDE]


TOP
LCB90317 -001C
TUNER AUDIO PWB
A
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
TU1101
CN10E1
CL1001
NC
NC
5V
NC
NC
NC
NC
RFAGC
IF
SCL
SDA
AFT AUDIO
SIF
30V
NC
VIDEO
IC1661
IC1252
K1601
K1602
L1661
L1662
R1666
R1667
R1669
R1624
C1101
C1103
C1221
C1160
C1161
C1163
C1165
C1166
C1167
C1168
C1140
C1141
C1144
C1147
C1152
C1155
C1156
C1157
C1158
C1181
C1182
C1184
C1185
C1186
C1252
C1254
C1255
C1256
C1257
C1259
C1260
C1261
C1262
C1263
C1623
C1628
C1641
C1646
C1651
C1664
C1666
C1669
C1670
C1672
C1674
C1678
C1679
C1686
C1687
C1695
C1696
C1697
C1698
C1699
C6001
C6002
C6003
C6004
C6007
C6008
C6009
C6010

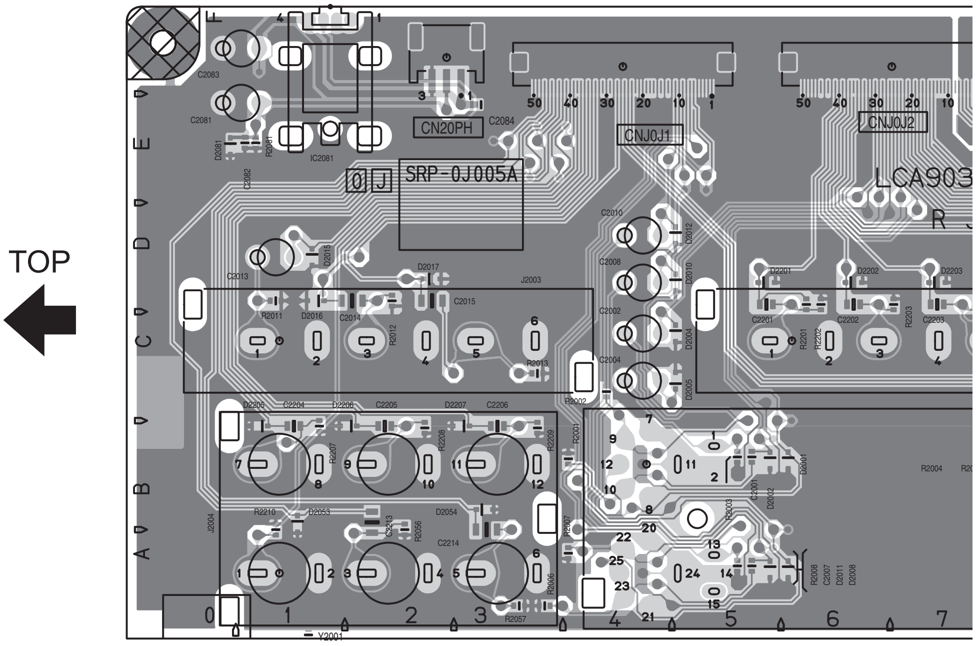
RECEIVER PWB PATTERN [PARTS SIDE]

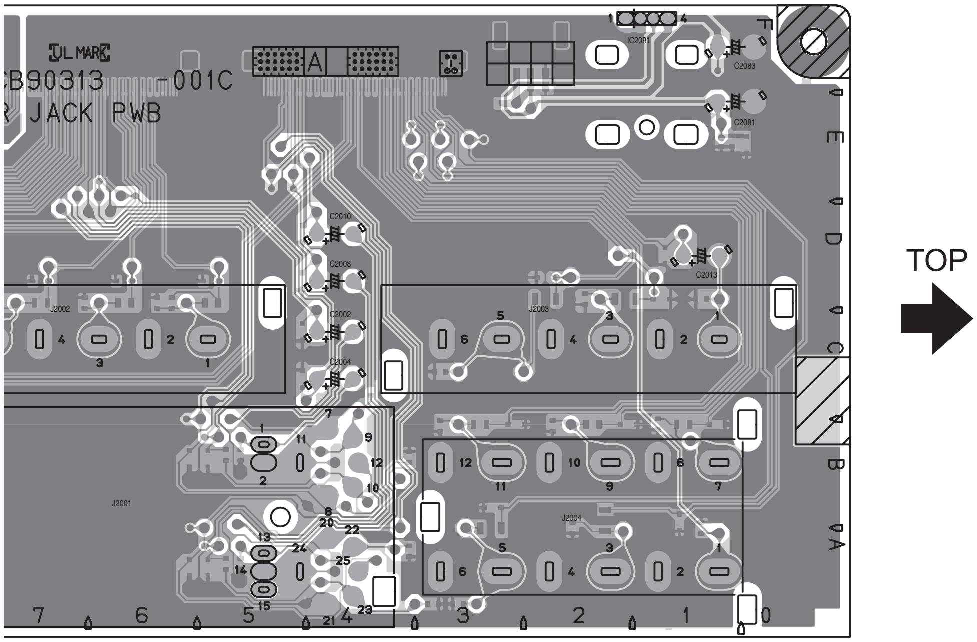

TOP
LCA90317-
TUNER AUDIO PB ASS'Y
PbF
SRP-0R005A
SRP-0R007A
CN10PH
CN100R
CN100C
CN10FC
CN100A
CN100T
CN10FJ
CN10FL
CN10SW
CN10FF
CN10E1
CN10AA
CN10SP
TU1101
IC1140
IC1250
IC1221
IC6001

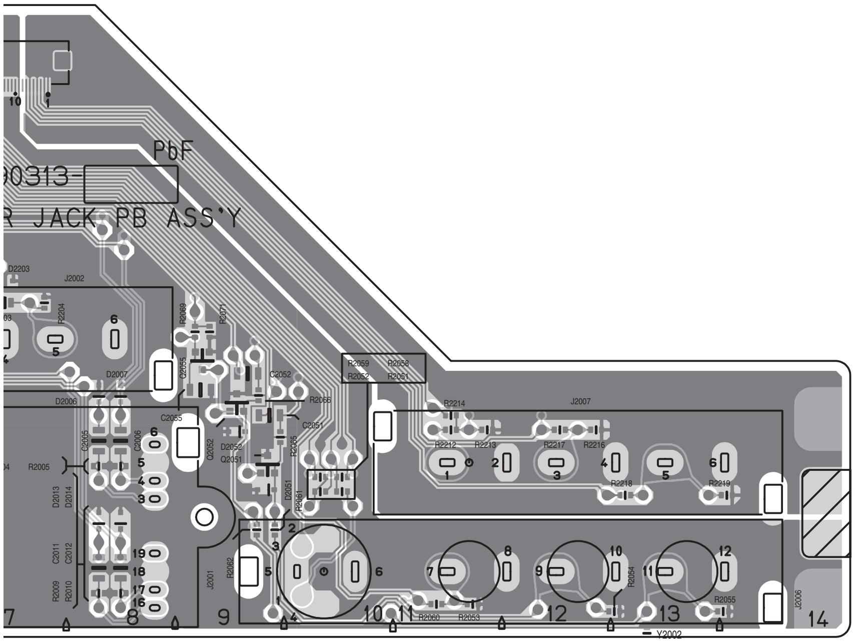
REAR JACK PWB PATTERN [SOLDER SIDE]



REAR JACK PWB PATTERN [PARTS SIDE]

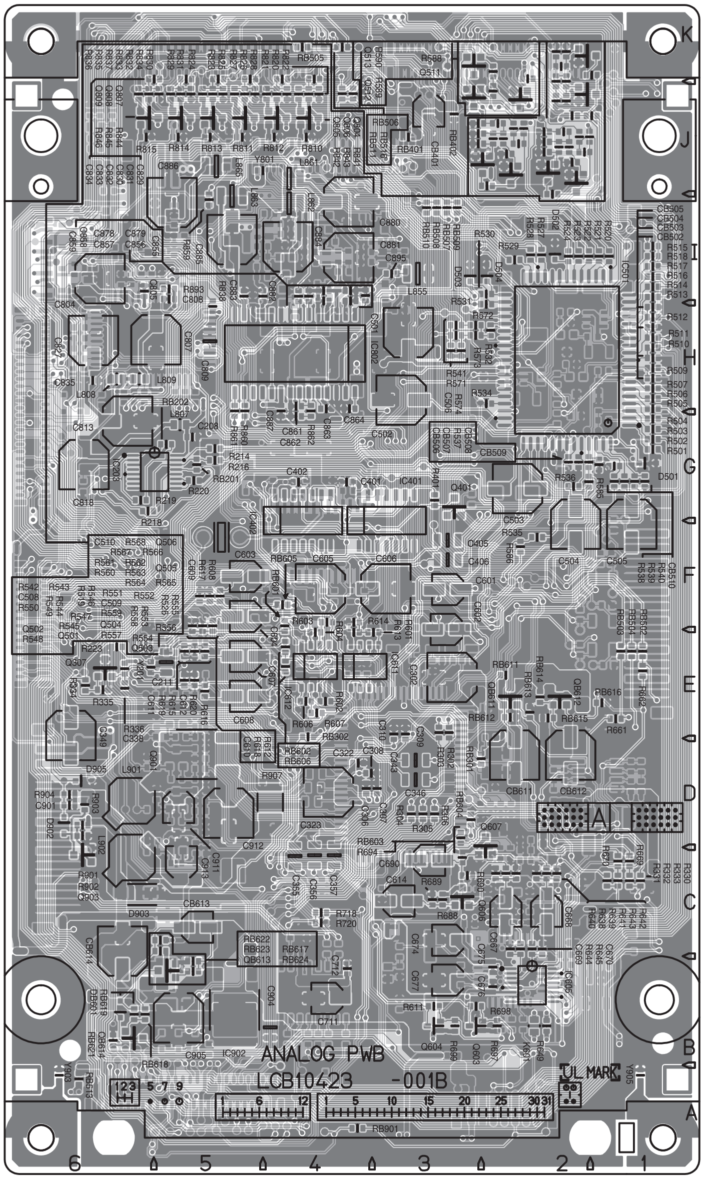

TOP
CN20PH
CNJ0J1
CNJ0J2
SRP-0J005A
LCA903


UL MARK
A
CB90313 -001C
R JACK PWB
IC2081
C2083
C2081
C2010
C2008
C2002
C2004
C2013
J2002
J2003
J2001
J2004
F
E
D
C
B
A
7
6
5
4
3
2
1
0
TOP

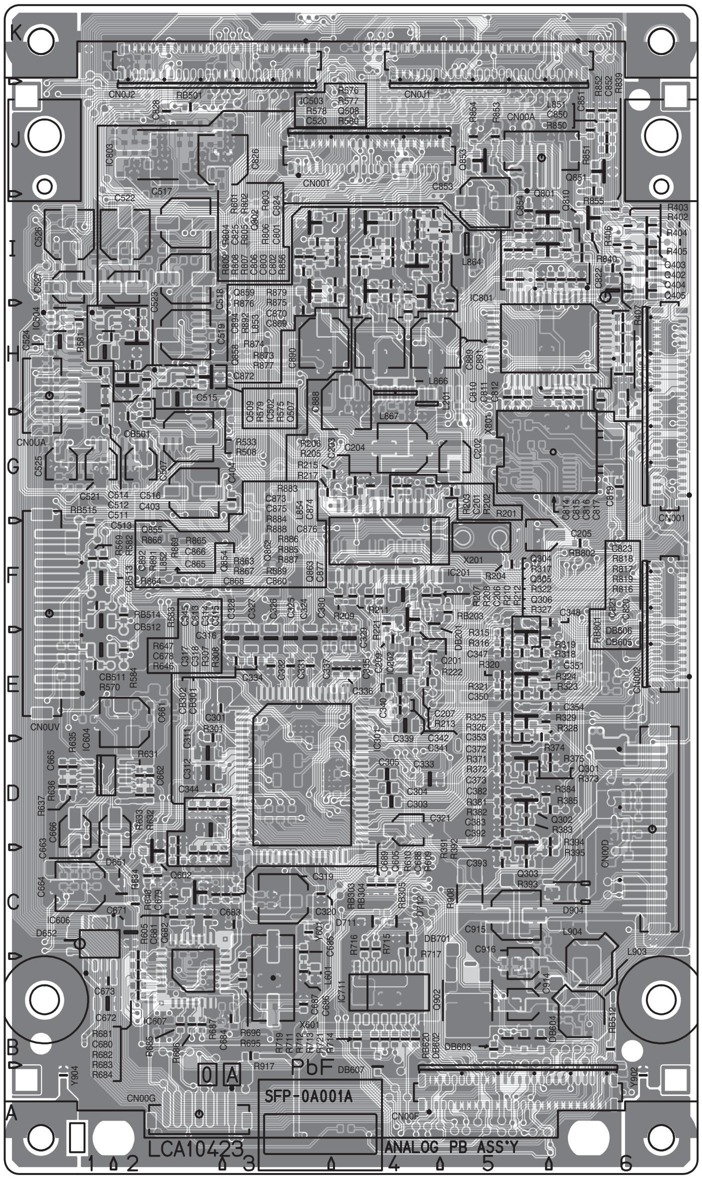

PbF
0313-
R JACK PB ASS'Y
D2203
J2002
R2204
D2007
D2006
R2005
D2013
D2014
C2011
C2012
R2009
R2010
R2069
R2071
C2055
C2052
D2052
Q2052
Q2051
R2066
C2051
R2059
R2058
R2052
R2051
R2214
J2007
R2212
R2213
R2217
R2216
R2218
R2219
J2001
R2062
R2060
R2053
R2054
R2055
J2006
Y2002
7
8
9
10
11
12
13
14

ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]

TOP

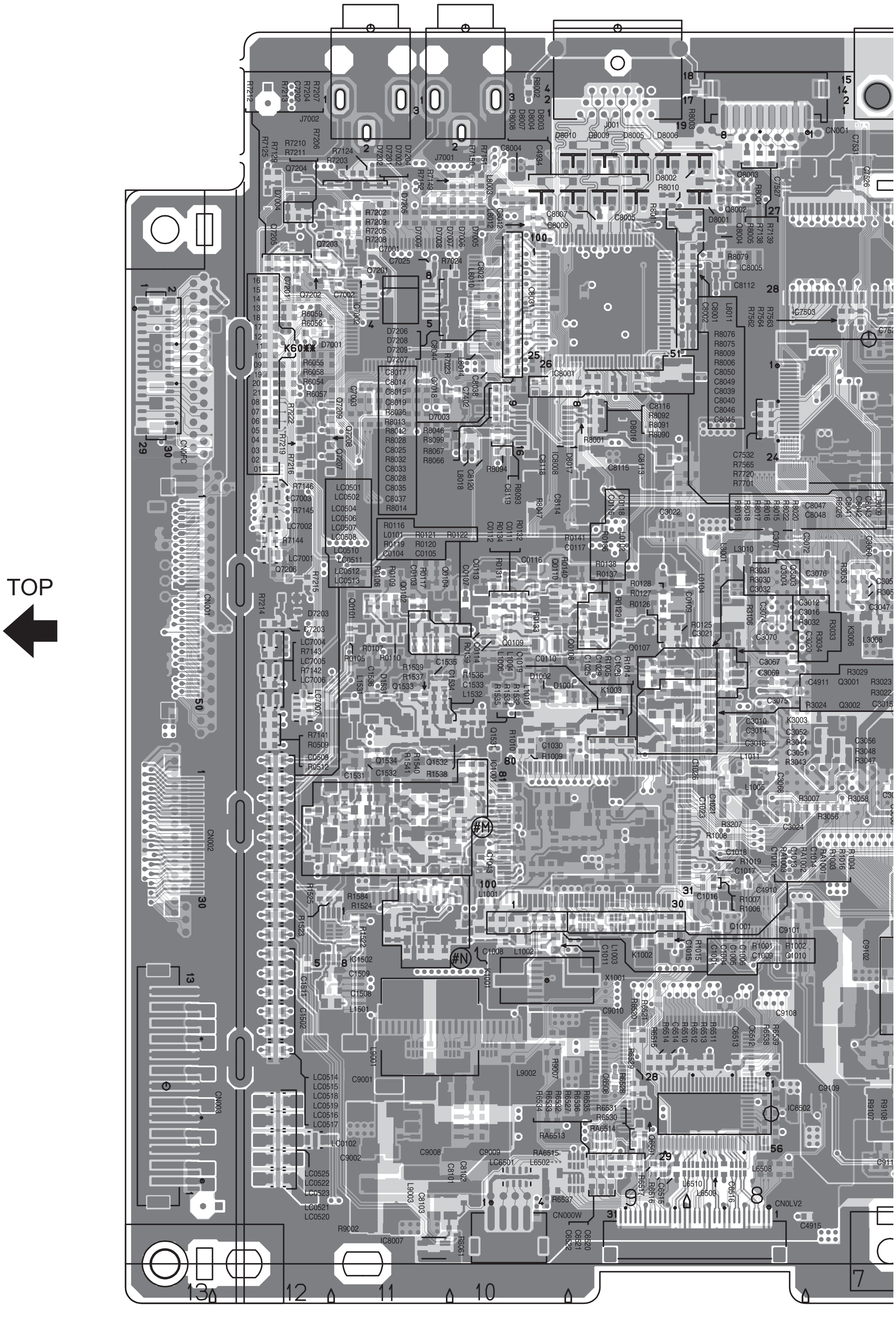

ANALOG PWB
LCB10423 -001B
UL MARK
K
J
I
H
G
F
E
D
C
B
A
6
5
4
3
2
1

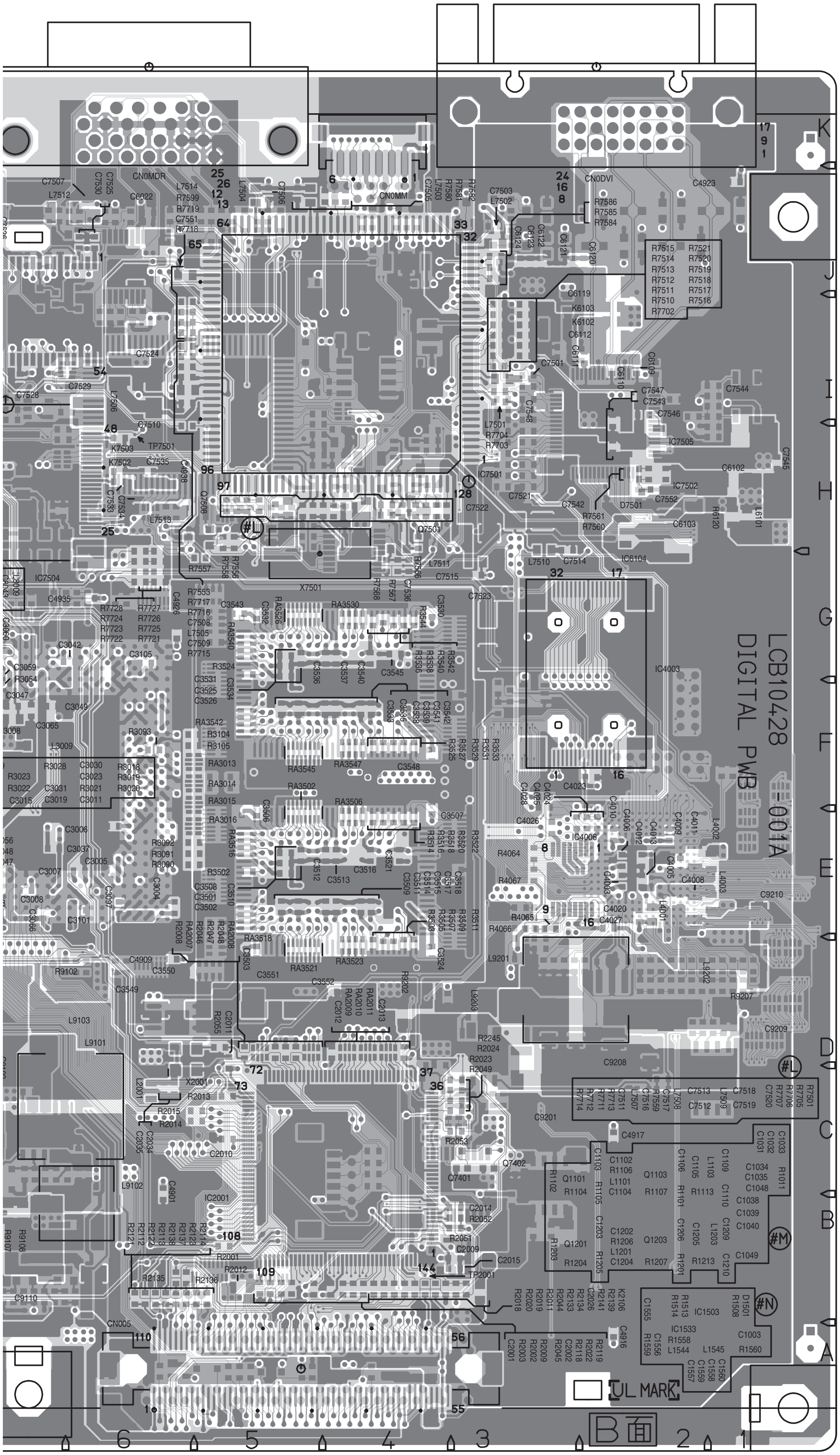
ANALOG SIGNAL PWB PATTERN [PARTS SIDE]


LCA10423
SFP-0A001A
ANALOG PB ASS'Y
PbF
0A
CN0J2
CN0J1
CN00T
CN0UA
CN0UV
CN00G
CN00F
CN001
CN00D
IC801
IC201
IC711
IC604
IC606
X201
X601
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6

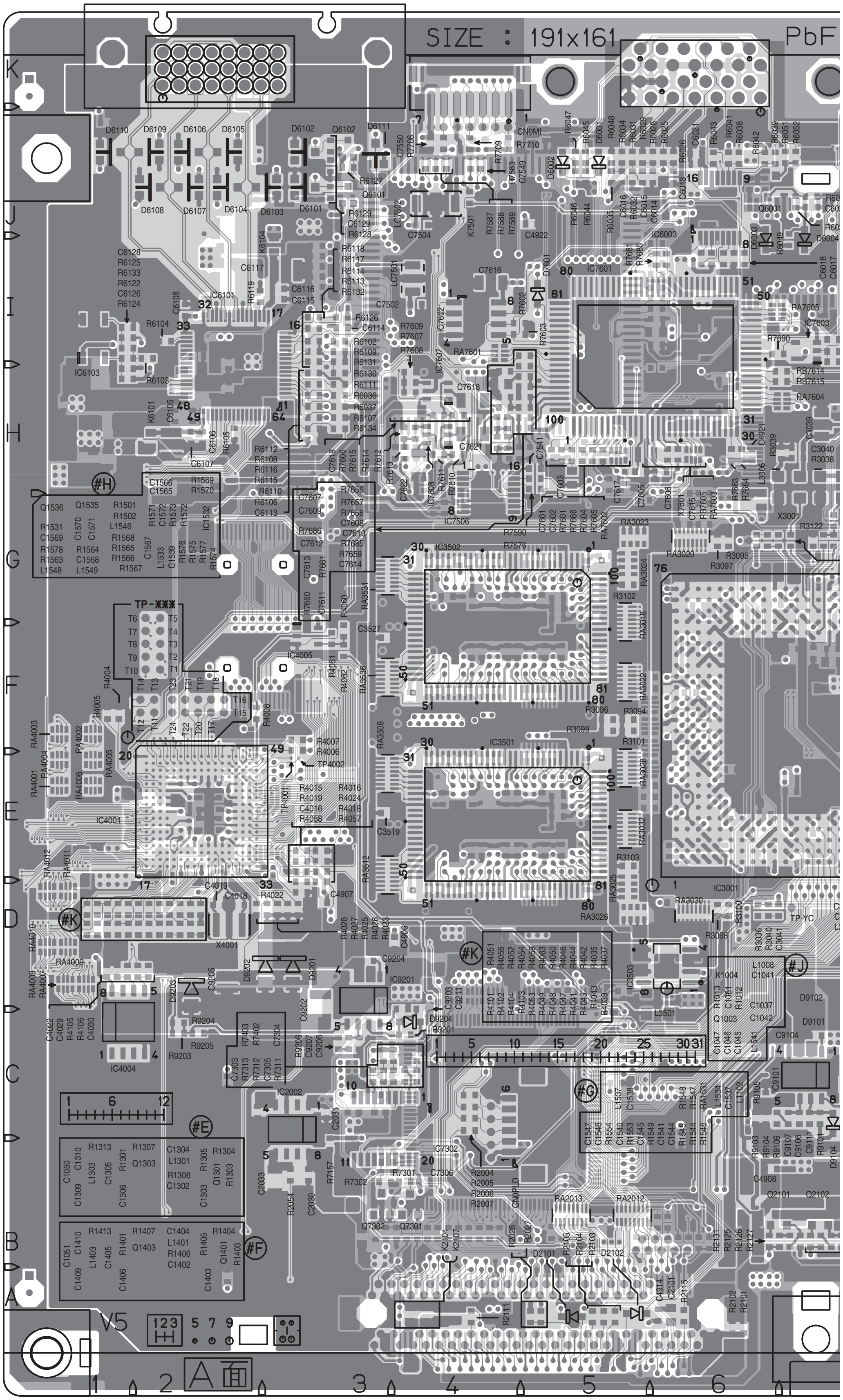
TOP →

DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]

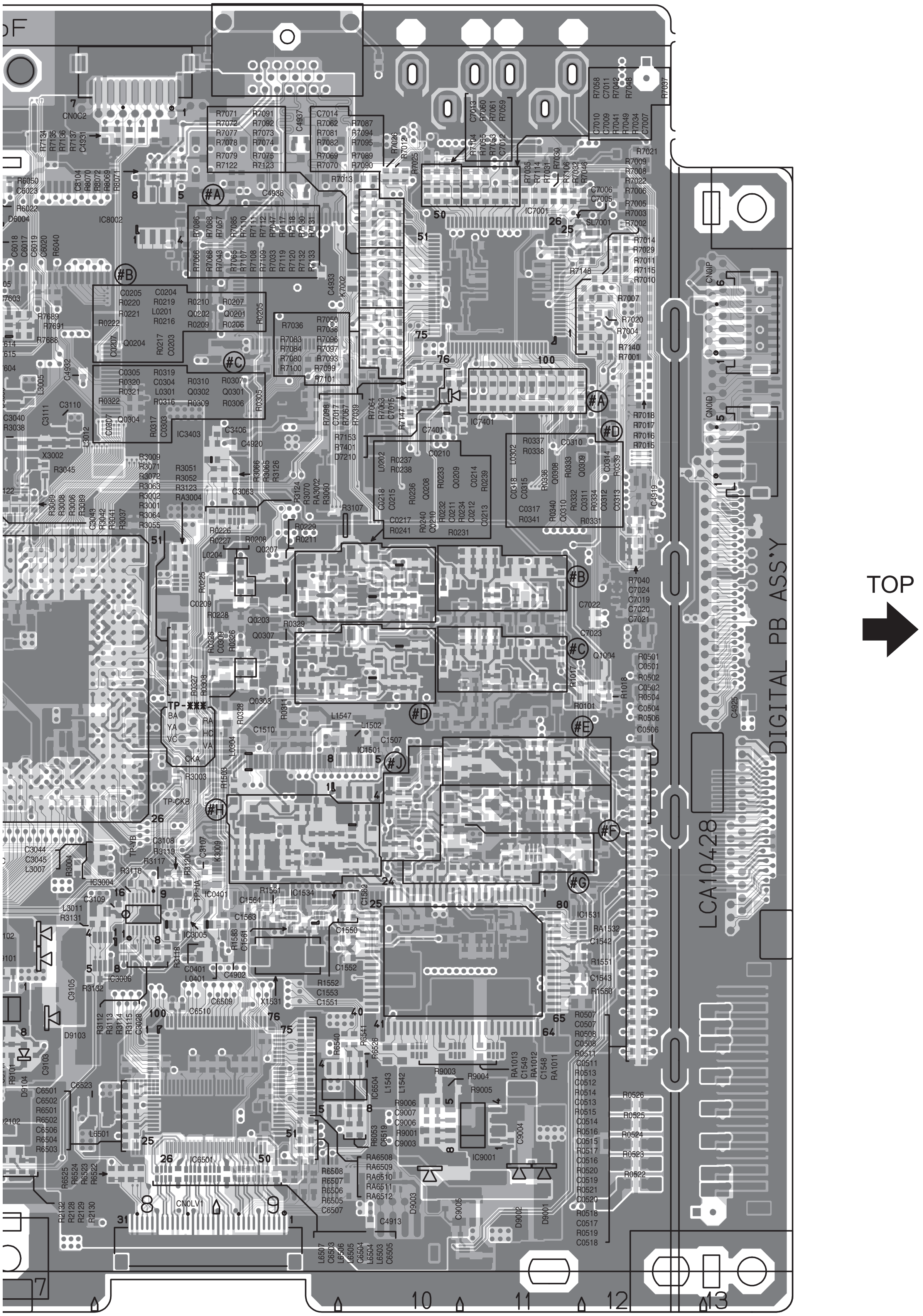

TOP
J7002
J7001
J001
IC8001
IC8005
IC7803
IC6502
IC1502
IC8007
CN0C1
CN0FC
CN001
CN002
CN003
CN000W
CN0LV2
K60XX
#M
#N
X1001
K1001
K1002
K1003
K3003
Q1001
Q3001
Q3002
Q0107
Q0109
Q0108
Q1533
Q1534
Q1532
L1001
L1002
L1003
L1005
L1011
L9001
L9002
L9003
L1501
L6508
L6510
L6509
LC6501
L6502
D1001
D1002
D7001
D7003
D8001
D8002
R8001
C8116
C4910
C4911
C4915
C9101
C9102
C9108
C9109
C9001
C9002
C9008
C9009
C9010
R9002
R6537
RA6513
RA6514
RA6515
LC0102
LC0514
LC0515
LC0518
LC0519
LC0516
LC0517
LC0525
LC0522
LC0523
LC0521
LC0520
13
12
11
10
7
100
80
81
51
26
25
31
30
29
28
56
24
27


LCB10428
DIGITAL PWB -001A
CN0MDR
CN0MM
CN0DVI
IC7501
IC7502
IC7504
IC7505
IC4003
IC4006
IC6104
IC2001
IC1503
IC1533
X7501
X2001
Q7501
Q7401
Q7402
Q1101
Q1103
Q1201
Q1203
CN005
#L
#M
#N
UL MARK
B面
K
J
I
H
G
F
E
D
C
B
A
6
5
4
3
2
1

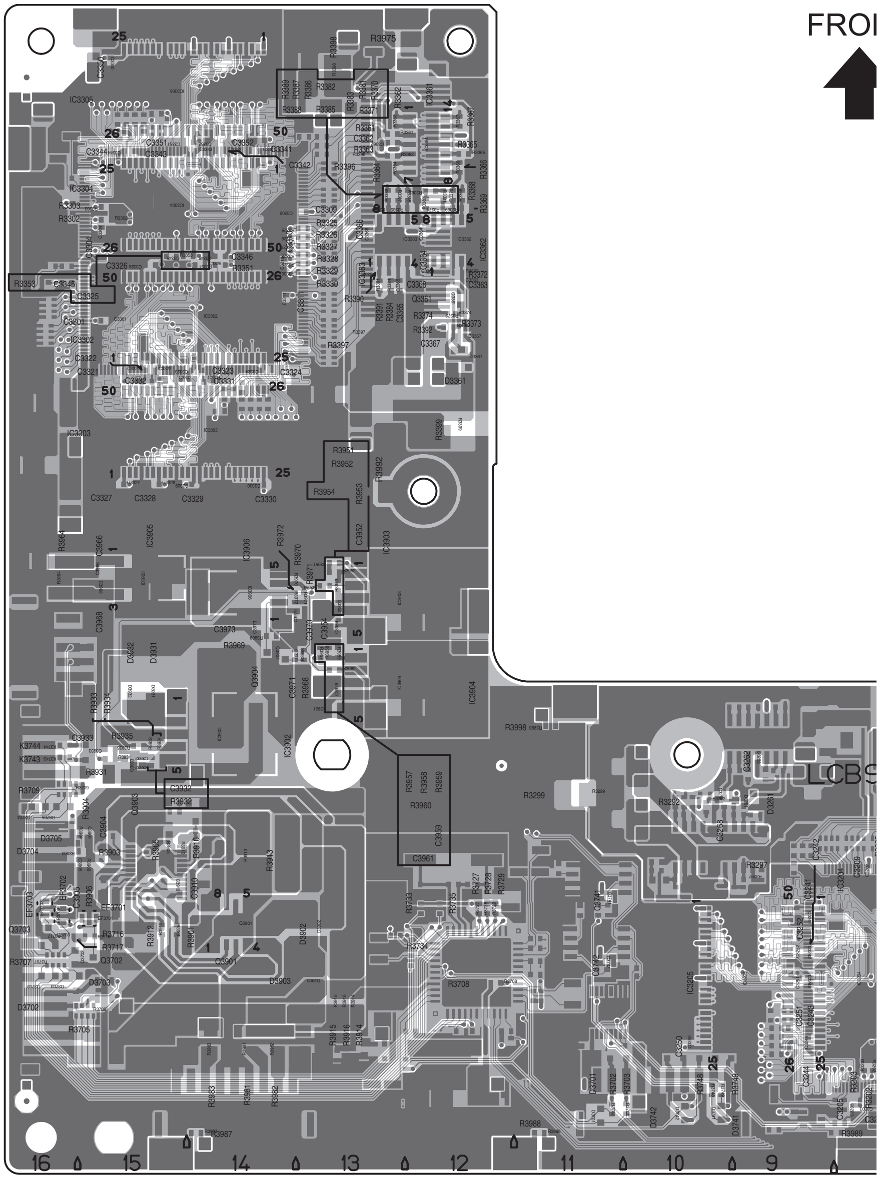
DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]

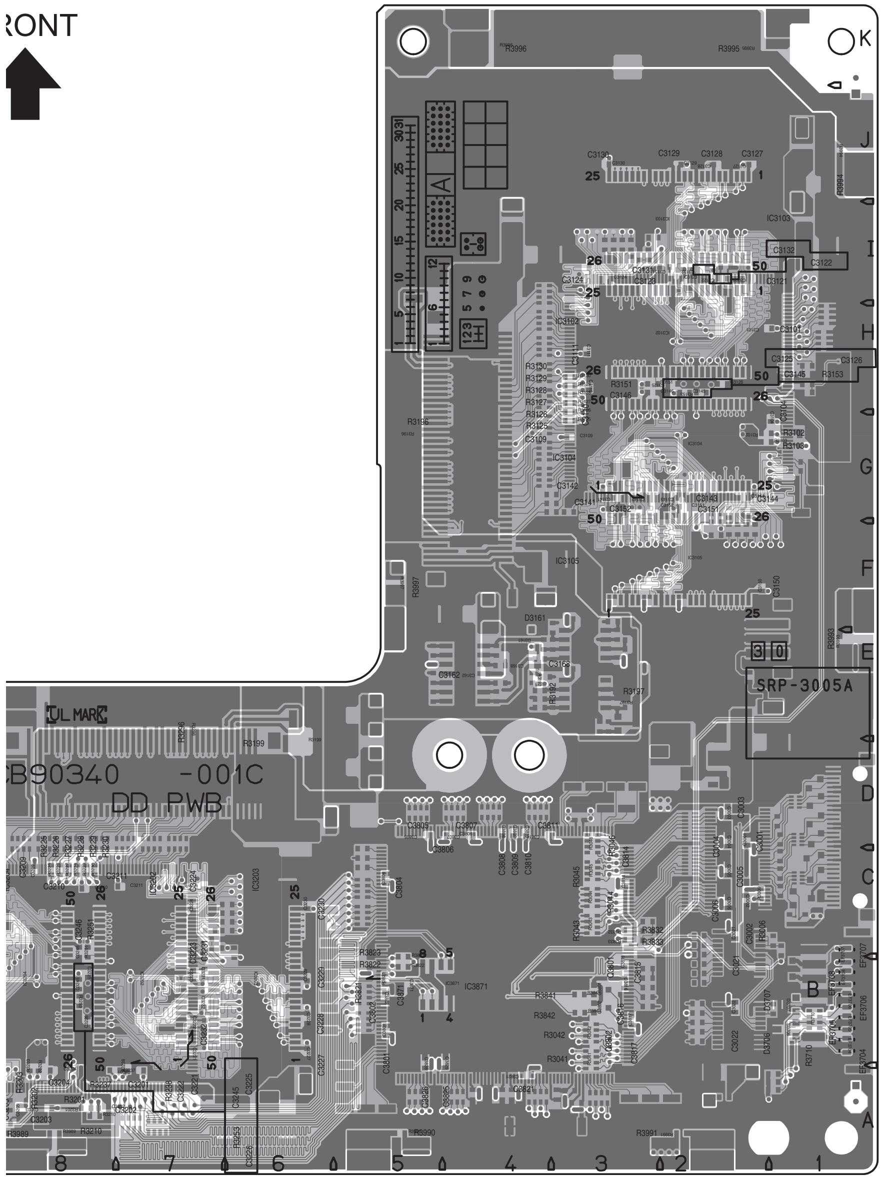


SIZE : 191x161
PbF
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
A面
V5
#H
#K
#J
#G
#E
#F
TP-YC
IC6101
IC6103
IC7601
IC7603
IC7506
IC3502
IC3501
IC3001
IC4001
IC4004
IC4005
IC9201
IC7302
IC2002
IC6003
X4001
X3001
L3501
TP4001
TP4002
D6110
D6109
D6106
D6105
D6102
Q6102
D6111
D6108
D6107
D6104
D6103
D6101
Q6101
CN0M
C7504
C7502
C7616
C7618
C7621
C3527
C3519
C4907
C4908
Q1536
Q1535
Q1301
Q1401
Q2101
Q2102
Q7302
Q7301
D2101
D2102
D9101
D9102
D9201
D9202
D9203
D9204
RA3030
RA3026
RA3023
RA3020
RA2013
RA2012
RA4009
RA3508
RA3512
RA3536
RA3531
L1008
C1041
K1004
C9104
C9101

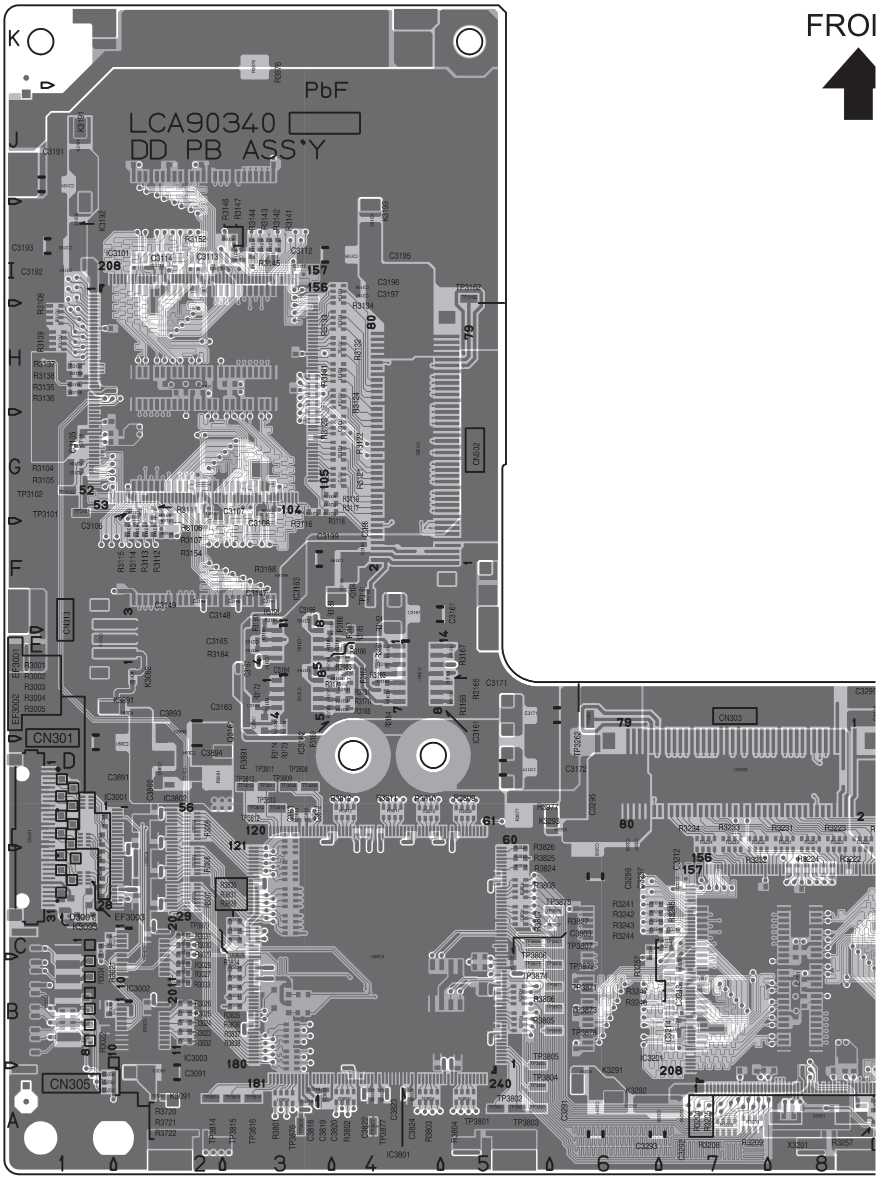

DIGITAL PB ASS'Y
LCA10428
TOP
#A
#B
#C
#D
#E
#F
#G
#H
#J
CN0C2
IC8002
IC7001
IC7401
IC3403
IC1501
IC1534
IC1531
IC3004
IC3005
IC3006
IC0401
IC9001
IC6501
CNOLV1
CN0IP
CN0ID
SL7001
X3002
X1531
TP-CKB
7
8
9
10
11
12
13

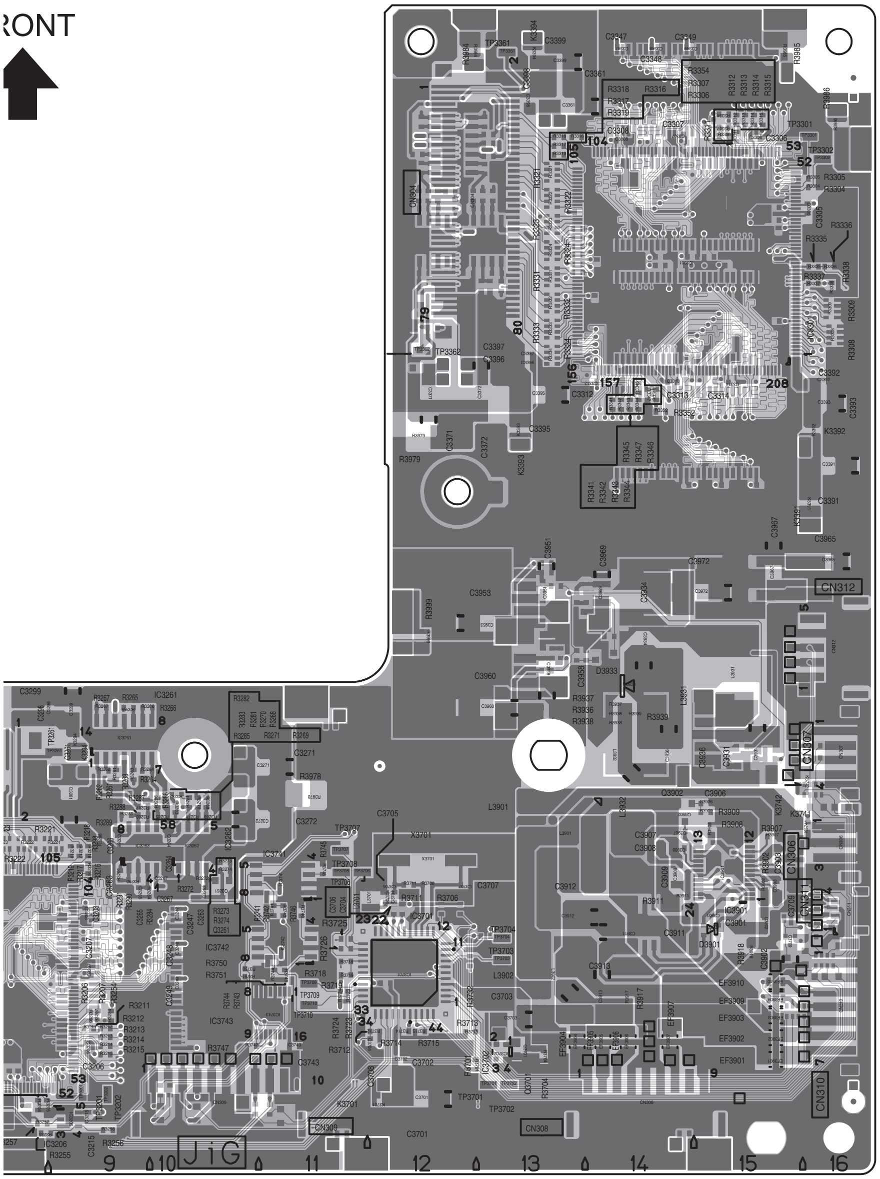
MAIN DRIVE PWB PATTERN [SOLDER SIDE]


FROI
LCBS
IC3305
IC3703
IC3905
IC3906
IC3903
IC3904
IC3362
IC3205
R3975
R3355
R3951
R3952
R3954
R3953
R3992
C3952
R3998
R3299
R3252
R3960
C3961
R3708
R3705
R3988
R3987
R3989
C3327
C3328
C3329
C3330
C3324
C3342
C3341
C3346
C3326
C3325
C3973
R3969
C3932
R3932
D3705
D3704
D3702
Q3703
Q3702
EF3701
D3902
D3903
C3901
16
15
14
13
12
11
10
9
25
26
50
1
5
8
4

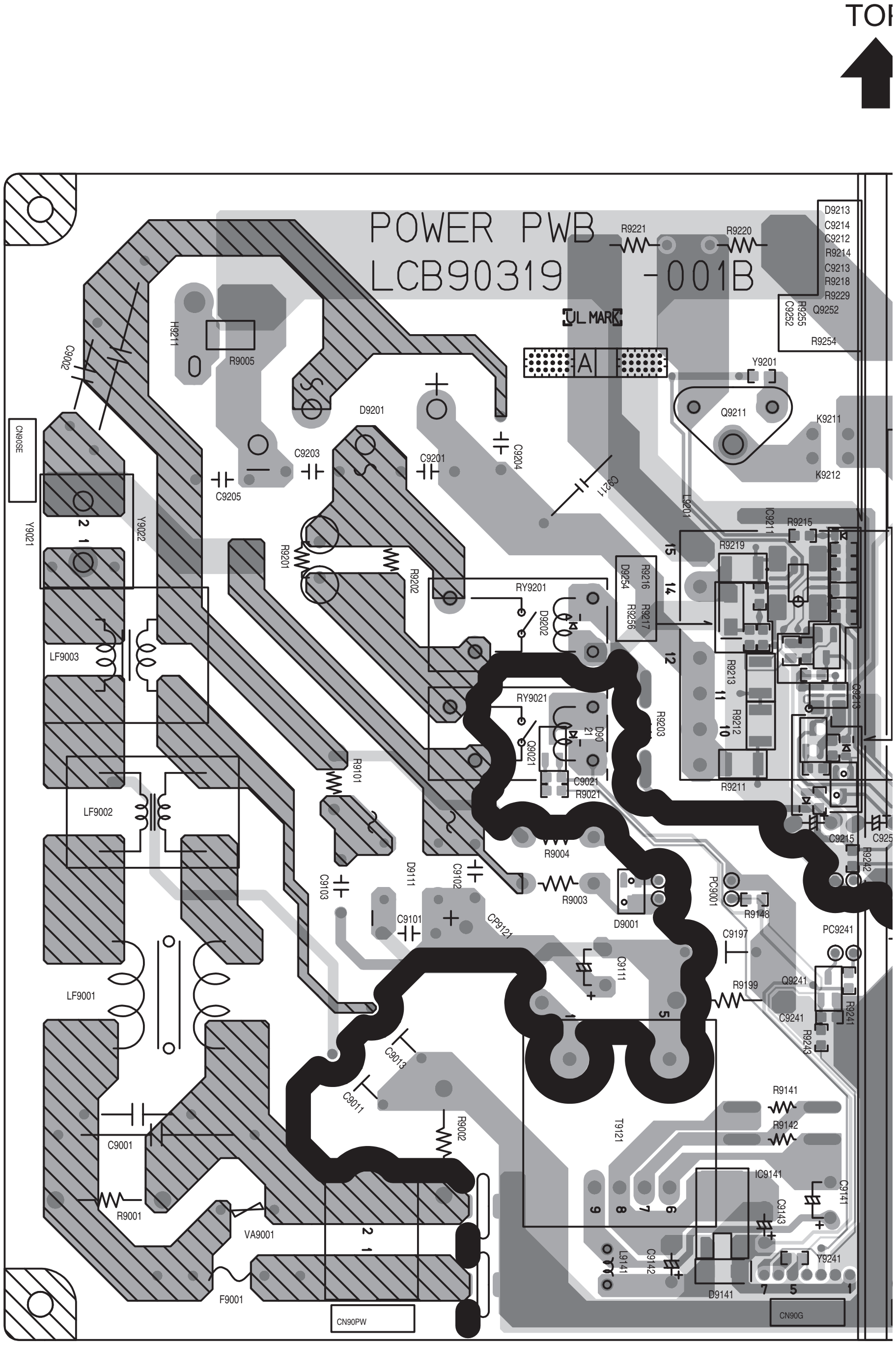

RONT
CB90340 -001C
DD PWB
UL MARK
SRP-3005A
IC3101
IC3102
IC3103
IC3104
IC3105
IC3871
IC3203
A B C D E F G H I J K
1 2 3 4 5 6 7 8

MAIN DRIVE PWB PATTERN [PARTS SIDE]


FRO
PbF
LCA90340
DD PB ASS'Y
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
CN301
CN302
CN303
CN305
CN313
IC3101
IC3001
IC3002
IC3003
IC3201
IC3801
IC3802
EF3001
EF3002
EF3003
TP3101
TP3102
TP3162
208
157
156
80
79
105
104
53
52
2
1
60
61
120
121
180
181
240
56
29
28
31


RONT
CN304
CN312
CN307
CN306
CN311
CN310
CN308
CN309
IC3261
IC3742
IC3743
IC3701
X3701
L3901
L3902
L3931
D3933
D3901
Q3901
Q3701
TP3301
TP3302
TP3361
TP3362
TP3701
TP3702
TP3703
TP3704
TP3707
TP3708
TP3709
TP3710
EF3901
EF3902
EF3903
EF3909
EF3910
C3701
C3702
C3703
C3705
C3707
C3743
C3911
C3912
C3953
C3960
C3965
C3972
R3979
R3999
R3911
R3930
R3937
R3938
R3718
R3711
R3712
R3713
R3715
R3706
R3725
R3750
R3751
R3747
R3211
R3212
R3213
R3214
R3215
R3255
R3256
C3206
C3215
C3271
C3272
C3299
JiG
1
2
3
4
5
7
8
9
10
11
12
13
14
16
22
23
24
33
34
44
52
53
58
79
80
104
105
156
157
206
9
10
11
12
13
14
15
16

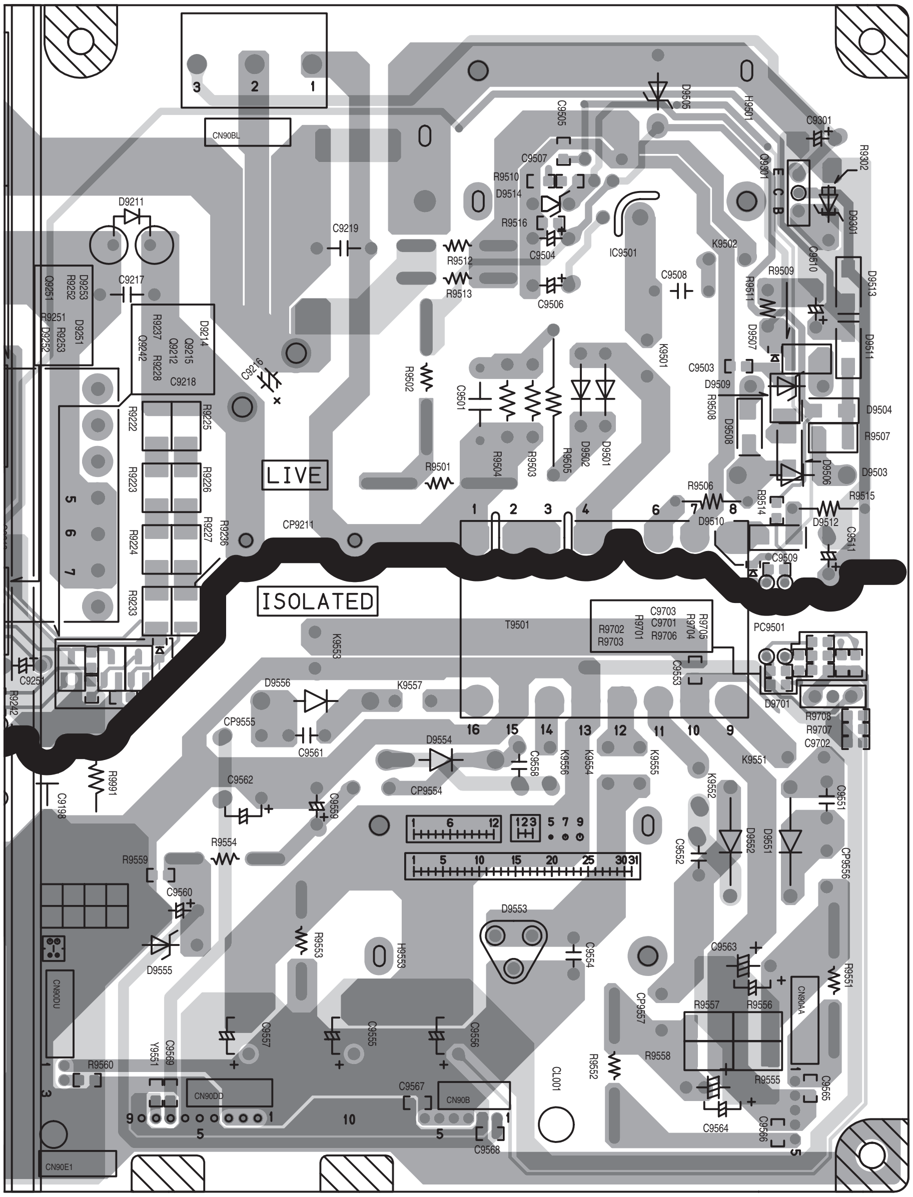
POWER PWB PATTERN [SOLDER SIDE]



TO
POWER PWB
LCB90319 -001B
UL MARK
A
R9221
R9220
D9213
C9214
C9212
R9214
C9213
R9218
R9229
R9255
C9252
Q9252
R9254
Y9201
Q9211
K9211
K9212
H9211
R9005
C9002
CN905E
Y9021
Y9022
D9201
C9203
C9205
C9201
C9204
C9211
L9201
IC9211
R9215
R9219
R9201
R9202
RY9201
D9202
D9254
R9216
R9256
R9217
R9213
R9212
R9211
LF9003
RY9021
Q9021
D9021
R9203
C9021
R9021
LF9002
R9101
R9004
R9003
D9001
PC9001
D9111
C9103
C9102
C9101
CP9121
C9111
C9197
R9148
PC9241
Q9241
R9199
C9241
R9241
R9243
C9215
R9242
LF9001
C9013
C9011
R9002
T9121
R9141
R9142
IC9141
C9141
C9143
C9001
R9001
VA9001
F9001
CN90PW
L9141
C9142
D9141
Y9241
CN90G

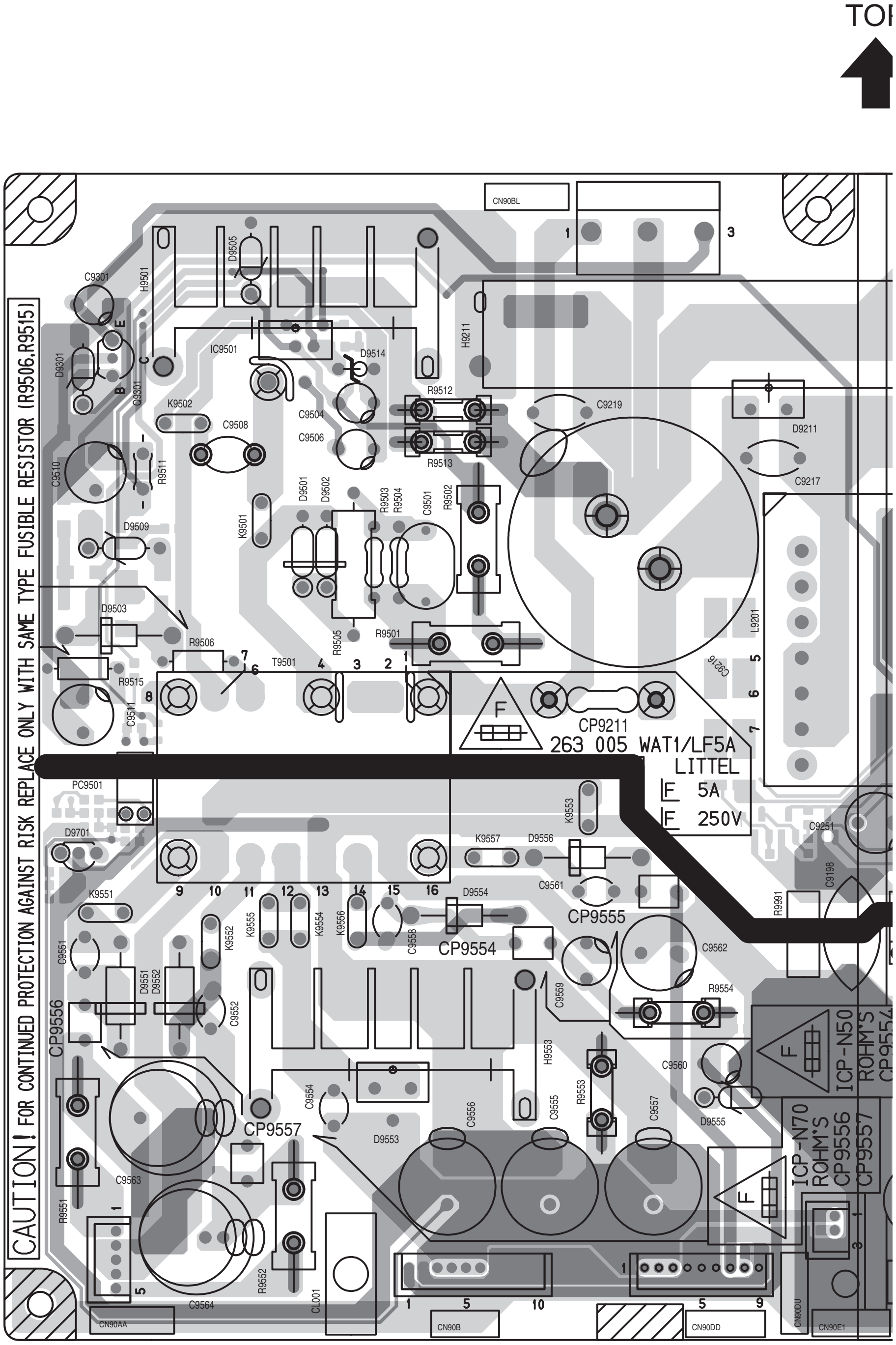
CAUTION :
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH SAME TYPE AND RATED FUSE(S)
AND ROHM'S MFR'S TYPE CP(S).

TOP



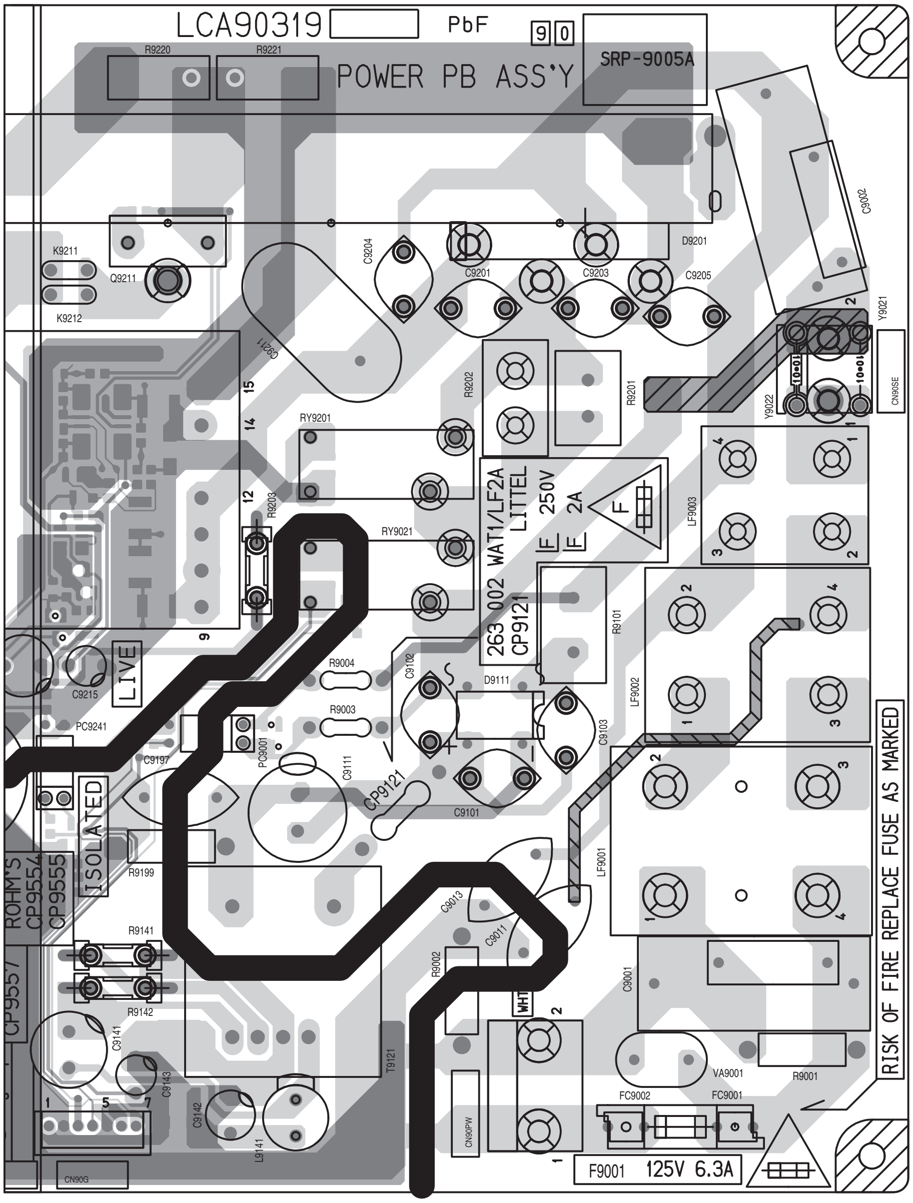
CN90BL
3
2
1
D9211
C9219
C9217
D9253
R9252
Q9251
R9251
R9253
D9251
D9252
D9214
Q9215
Q9212
R9237
R9228
Q9242
C9218
C9216
R9222
R9225
R9223
R9226
R9224
R9227
R9236
R9233
5
6
7
LIVE
CP9211
ISOLATED
C9251
R9242
C9198
R9991
D9505
C9505
H9501
C9507
R9510
D9514
R9516
C9504
R9512
R9513
C9506
IC9501
K9502
C9508
C9301
Q9301
E C B
R9302
D9301
C9510
D9513
R9509
R9511
D9507
D9511
K9501
C9503
D9509
R9508
D9508
D9504
R9507
D9506
D9503
R9502
C9501
R9504
R9503
R9505
D9502
D9501
R9501
R9506
R9514
R9515
D9510
D9512
C9511
C9509
1
2
3
4
6
7
8
T9501
C9703
C9701
R9702
R9703
R9701
R9706
R9705
R9704
C9553
PC9501
D9701
R9708
R9707
C9702
K9553
D9556
K9557
CP9555
C9561
D9554
C9558
K9556
K9554
K9555
16
15
14
13
12
11
10
9
K9551
K9552
C9551
C9562
C9559
CP9554
R9554
R9559
C9560
D9555
1 6 12
1 2 3
5 7 9
1 5 10 15 20 25 30 31
C9552
D9552
D9551
CP9556
D9553
R9553
H9553
C9554
C9563
R9551
CN90DU
CN90A4
CP9557
R9557
R9556
C9557
C9555
C9556
C9569
Y9551
R9560
CN90DD
C9567
CN90B
CL001
R9552
R9558
R9555
C9565
C9564
C9566
C9568
CN90E1
9
1
5
10
5
3

POWER PWB PATTERN [PART SIDE]


TOP
CN90BL
1
3
C9301
H9501
D9505
IC9501
D9514
H9211
D9301
Q9301
E
C
B
K9502
C9508
C9504
C9506
R9512
R9513
C9219
D9211
C9217
C9510
R9511
K9501
D9501
D9502
R9503
R9504
C9501
R9502
D9509
D9503
R9506
R9505
R9501
L9201
C9216
R9515
T9501
7
6
8
4
3
2
1
5
C9511
CP9211
263 005 WAT1/LF5A
LITTEL
F 5A
F 250V
PC9501
D9701
K9553
K9557
D9556
C9561
C9251
C9198
R9991
K9551
9
10
11
12
13
14
15
16
D9554
CP9555
CP9554
C9562
C9551
D9551
D9552
K9552
K9555
K9554
K9556
C9558
C9559
R9554
CP9556
C9552
H9553
C9560
ICP-N50
ROHM'S
CP9554
ICP-N70
ROHM'S
CP9556
CP9557
C9554
R9553
C9555
C9556
C9557
D9555
CP9557
D9553
C9563
R9551
R9552
CL001
C9564
CN90AA
CN90B
CN90DD
CN90DU
CN90E1
CAUTION! FOR CONTINUED PROTECTION AGAINST RISK REPLACE ONLY WITH SAME TYPE FUSIBLE RESISTOR (R9506,R9515)

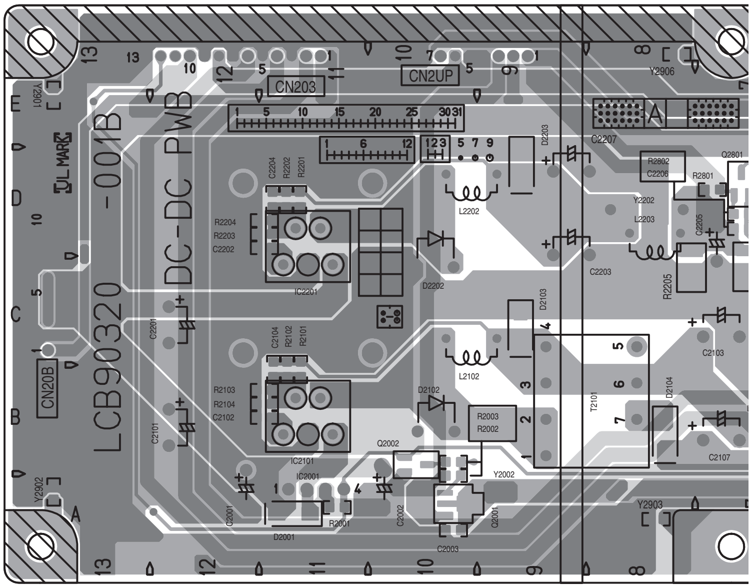
CAUTION :
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH SAME TYPE AND RATED FUSE(S)
AND ROHM'S MFR'S TYPE CP(S).

TOP


LCA90319
PbF
9 0
SRP-9005A
POWER PB ASS'Y
R9220
R9221
C9002
D9201
K9211
Q9211
K9212
C9204
C9201
C9203
C9205
Y9021
Q9211
15
14
12
9
R9202
R9201
Y9022
CN90SE
RY9201
RY9021
R9203
263 002 WAT1/LF2A
LITTEL
250V
2A
CP9121
LF9003
R9101
LF9002
LIVE
C9215
PC9241
R9004
R9003
C9102
D9111
C9103
PC9001
C9111
C9197
CP9121
C9101
ISOLATED
ROHM'S
CP9554
CP9555
CP9557
R9199
LF9001
C9013
C9011
R9141
R9142
R9002
C9001
WHT
C9141
C9143
T9121
VA9001
R9001
FC9002
FC9001
C9142
L9141
CN90PW
CN90G
F9001 125V 6.3A
RISK OF FIRE REPLACE FUSE AS MARKED
1
2
3
4
5
7

REGULATOR PWB PATTERN [SOLDER SIDE]

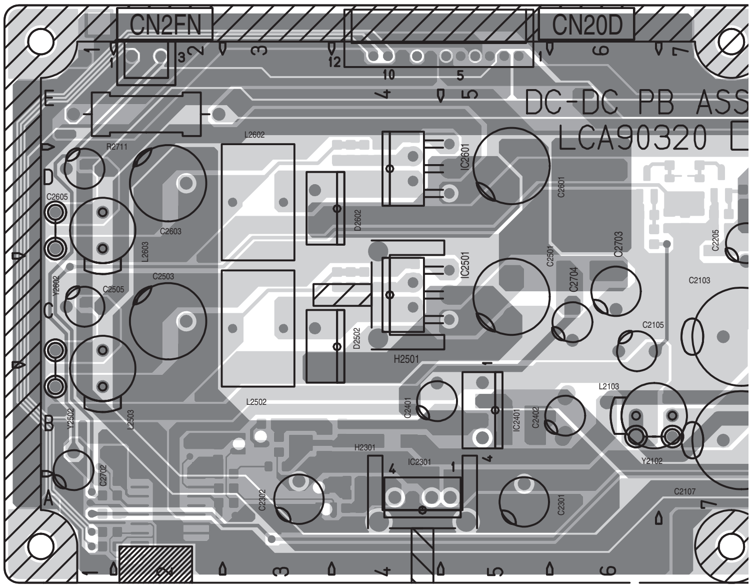
TO



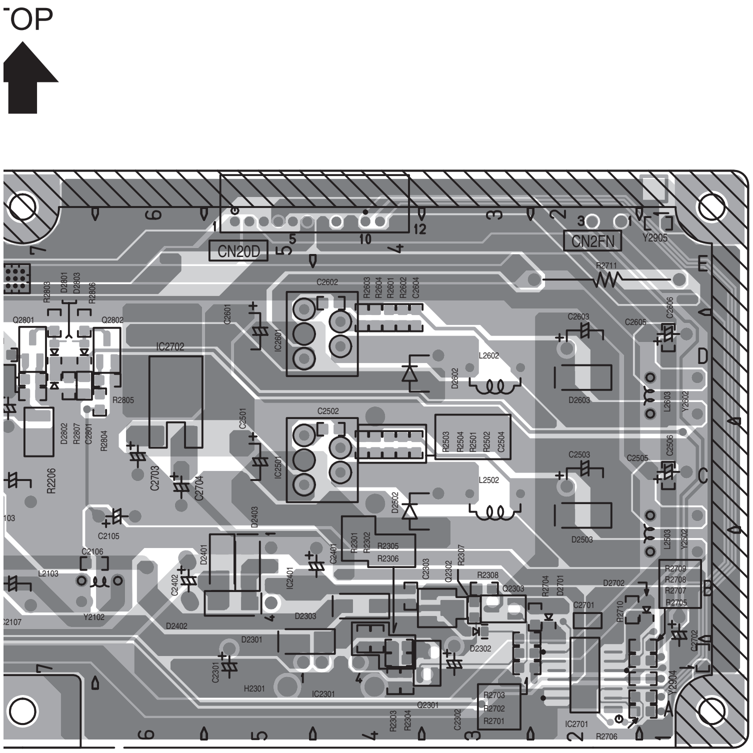
LCB90320 -001B
DC-DC PWB
CN203
CN2UP
CN20B
IC2201
IC2101
IC2001
T2101
L2202
L2102
L2203
D2202
D2102
D2103
D2104
D2203
D2001
Q2002
Q2001
Q2801
R2001
R2002
R2003
R2101
R2102
R2103
R2104
R2201
R2202
R2203
R2204
R2205
R2801
R2802
C2001
C2002
C2003
C2101
C2102
C2103
C2104
C2107
C2201
C2202
C2203
C2204
C2205
C2206
C2207
Y2002
Y2202
Y2901
Y2902
Y2903
Y2906
A
B
C
D
E

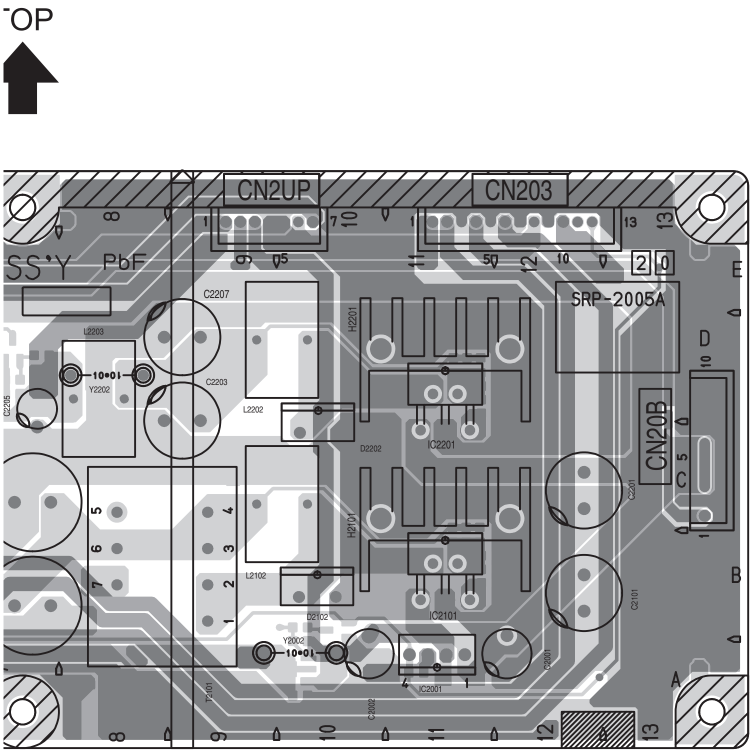
REGULATOR PWB PATTERN [PARTS SIDE]

TO

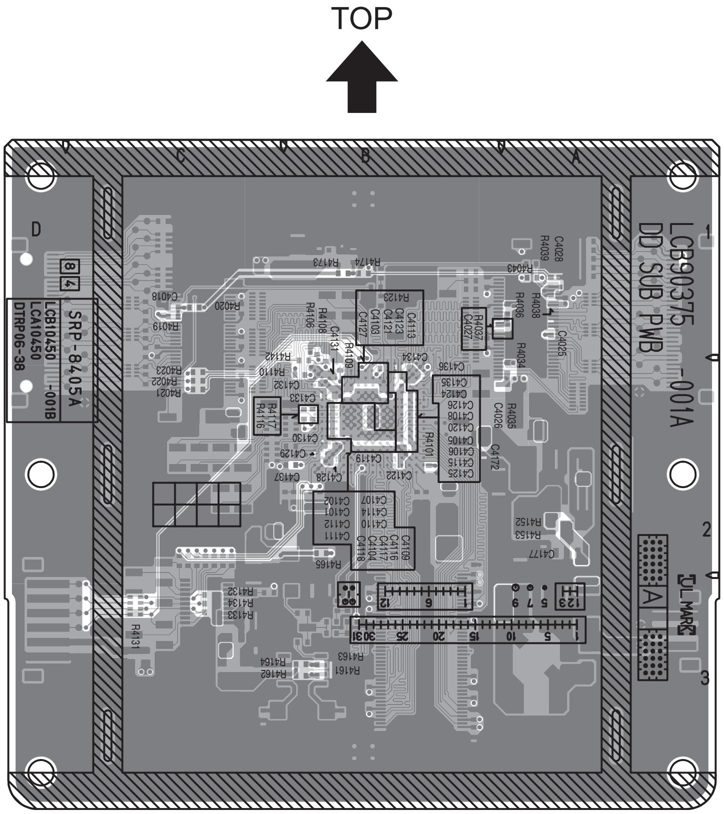


CN2FN
CN20D
DC-DC PB ASS
LCA90320
IC2601
IC2501
IC2401
IC2301
L2602
L2603
L2502
L2503
L2103
D2602
D2502
H2501
H2301
Q2401
R2711
C2601
C2603
C2605
C2501
C2503
C2505
C2703
C2704
C2702
C2401
C2402
C2302
C2301
C2205
C2103
C2105
C2107
Y2602
Y2502
Y2102
A
B
C
D
E

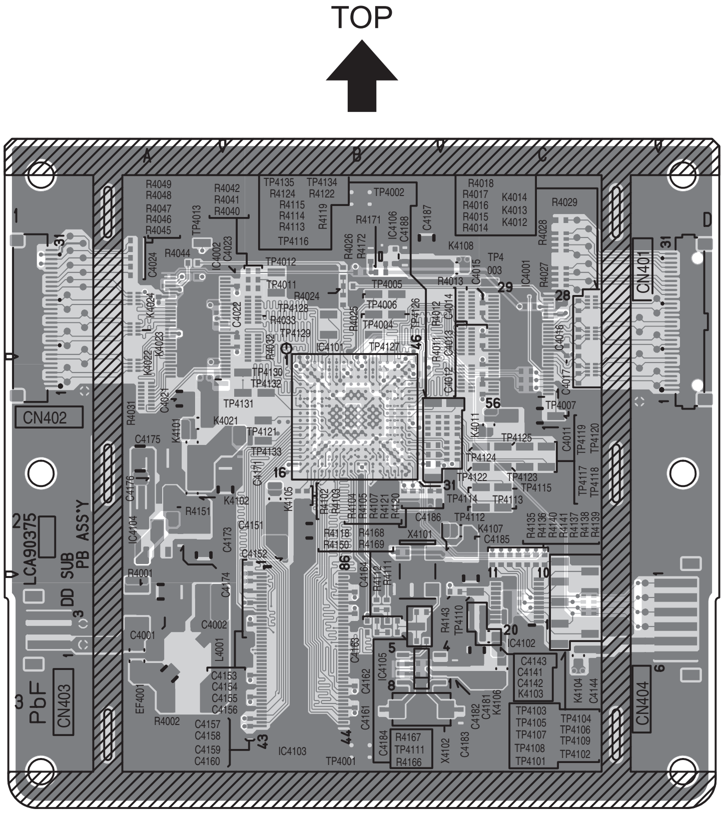

OP
CN20D
CN2FN
IC2702
IC2601
IC2501
IC2401
IC2301
IC2701
L2602
L2502
D2602
D2502
D2603
D2503
Q2801
Q2802
Q2301
Q2303
R2206
R2711
C2602
C2502
C2603
C2503
C2703
C2704
C2105
C2106
L2103
Y2102
Y2905
Y2904
H2301
A
B
C
D
E


OP
CN2UP
CN203
CN20B
SRP-2005A
SS'Y
PbF
C2207
C2203
C2201
C2101
C2205
C2002
L2203
L2202
L2102
Y2202
Y2002
H2201
H2101
IC2201
IC2101
IC2001
D2202
D2102
D2001
T2101
A
B
C
D
E

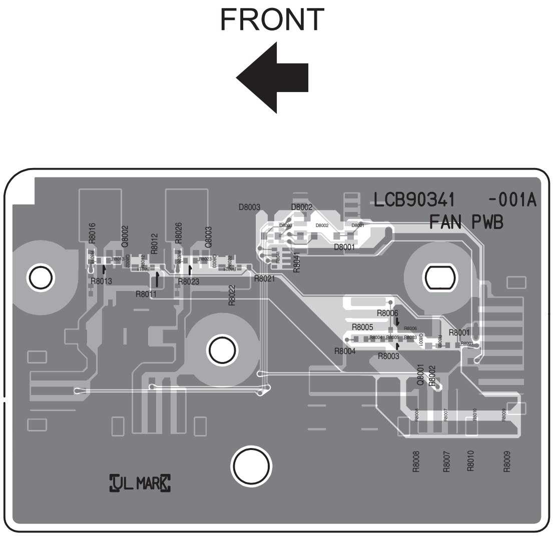
SUB DRIVE PWB PATTERN [SOLDER SIDE]


TOP
LCB90375 -001A
DD SUB PWB
SRP-B405A
LCB10450 -001B
LCA10450
DTRP06-38
UL MARK
A
B
C
D
1
2
3
R4123
C4113
C4121
C4103
C4127
R4037
C4027
R4117
R4116
R4101
C4119
C4107
C4114
C4110
C4104
C4118
C4102
C4101
C4112
C4111
C4109
C4116
C4117
R4165
R4152
R4153
C4177
R4132
R4134
R4133
R4131
R4161
R4162
R4163
R4164
R4019
R4020
R4021
R4022
R4023
C4018
C4025
C4026
C4028
R4035
R4036
R4038
R4039
R4043
R4173
R4174
C4172

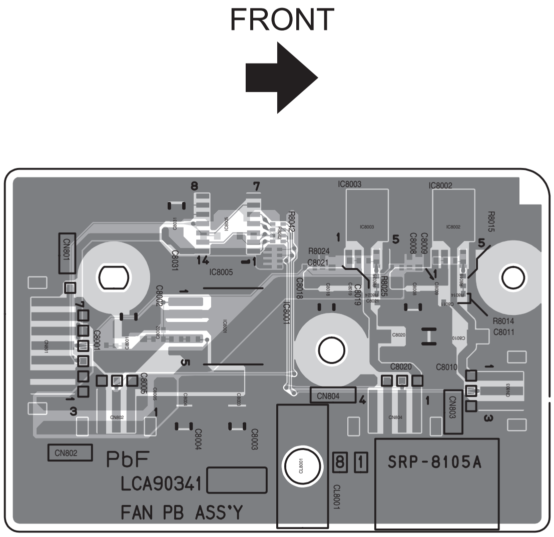
SUB DRIVE PWB PATTERN [PARTS SIDE]


TOP
A
B
C
D
1
2
3
CN401
CN402
CN403
CN404
LCA90375
DD SUB PB ASS'Y
PbF
IC4001
IC4101
IC4102
IC4103
IC4106
X4101
X4102
L4001
EF4001
R4049
R4048
R4047
R4046
R4045
R4042
R4041
R4040
R4044
TP4135
TP4134
R4124
R4122
R4115
R4114
R4113
R4119
TP4116
TP4002
R4171
R4172
C4106
C4188
C4187
R4018
R4017
R4016
R4015
R4014
K4014
K4013
K4012
R4029
R4028
R4027
R4026
K4108
TP4003
TP4012
TP4013
TP4011
TP4005
TP4006
TP4004
TP4128
TP4129
TP4127
TP4126
TP4130
TP4132
TP4131
TP4121
TP4133
TP4007
TP4125
TP4124
TP4122
TP4123
TP4115
TP4114
TP4113
TP4112
TP4110
TP4117
TP4118
TP4119
TP4120
R4024
R4033
R4013
R4012
R4011
C4024
C4002
C4023
C4022
C4021
C4014
C4015
C4016
C4017
C4011
C4012
C4013
K4024
K4023
K4022
K4021
K4101
K4102
K4011
K4105
K4107
K4106
K4103
K4104
R4031
R4151
R4001
R4002
C4175
C4176
C4104
C4173
C4171
C4151
C4152
C4174
C4001
C4002
C4153
C4154
C4155
C4156
C4157
C4158
C4159
C4160
C4186
C4185
C4184
C4183
C4182
C4181
C4162
C4161
C4163
C4164
C4105
C4143
C4141
C4142
C4114
R4118
R4150
R4168
R4169
R4167
R4166
R4143
R4135
R4136
R4140
R4141
R4137
R4138
R4139
TP4111
TP4103
TP4105
TP4107
TP4108
TP4101
TP4104
TP4106
TP4109
TP4102
TP4001
1
5
6
8
10
11
16
20
28
29
31
43
44
46
56
86

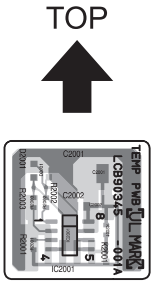
FAN CONTROL PWB PATTERN [SOLD SIDE]


FRONT
LCB90341 -001A
FAN PWB
UL MARK
D8003
D8002
D8001
R8016
C8002
R8012
R8028
C8003
R8013
R8011
R8023
R8022
R8021
R8041
R8006
R8005
R8004
R8003
R8001
Q8001
Q8002
R8008
R8007
R8010
R8009

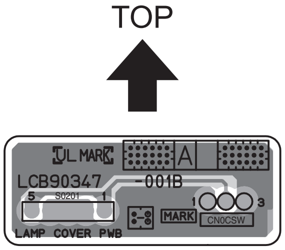
FAN CONTROL PWB PATTERN [PARTS SIDE]


FRONT
IC8003
IC8002
IC8005
IC8001
CN801
CN802
CN803
CN804
CL8001
R8015
R8024
C8021
R8014
C8011
C8010
C8020
C8009
C8008
C8019
C8018
C8031
C8004
C8003
PbF
LCA90341
FAN PB ASS'Y
SRP-8105A
8 1

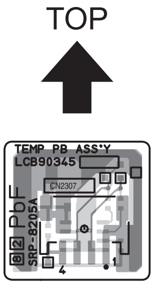
TEMP. SENSOR PWB PATTERN [SOLDER SIDE]


TOP
TEMP PWB
LCB90345 -001A
UL MARK
C2001
C2002
D2001
R2003
R2002
R2001
IC2001
8
5
4

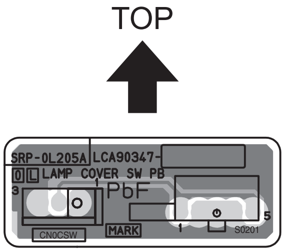
LAMP COVER SW PWB PATTERN [SOLDER SIDE]


TOP
UL MARK
A
LCB90347 -001B
5
S0201
1
1
3
MARK
CN0CSW
LAMP COVER PWB

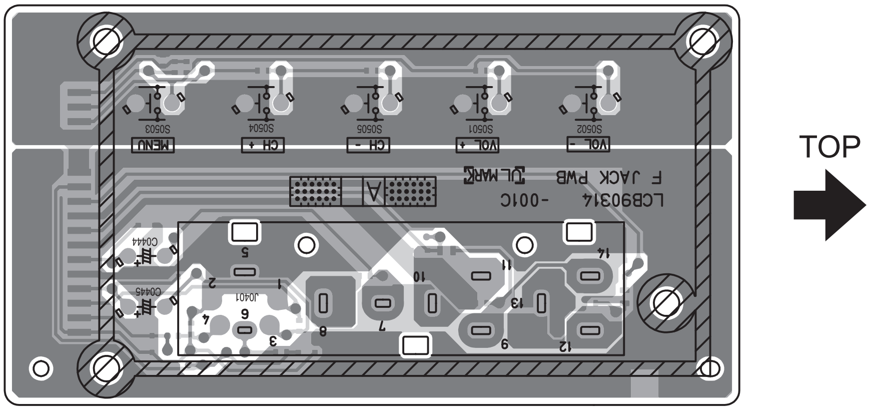
TEMP. SENSOR PWB PATTERN [PARTS SIDE]


TOP
TEMP PB ASS'Y
LCB90345
CN2307
PbF
8 2
SRP-8205A
4
1

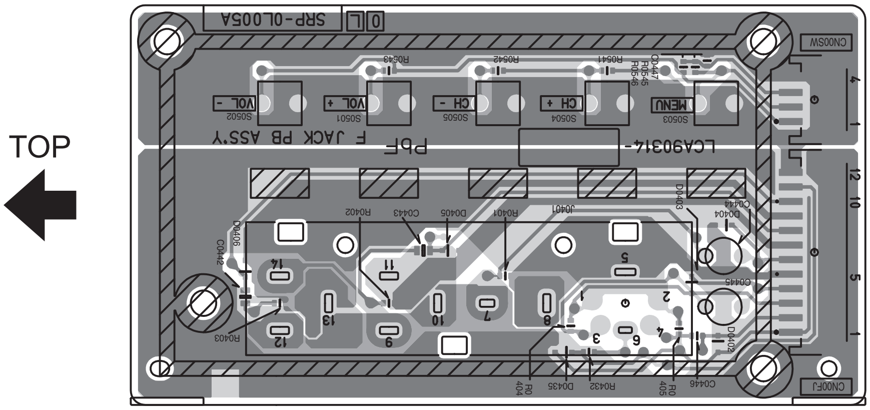
LAMP COVER SW PWB PATTERN [PARTS SIDE]


TOP
SRP-0L205A
LCA90347-
0 L
LAMP COVER SW PB
PbF
3
1
5
CN0CSW
MARK
S0201

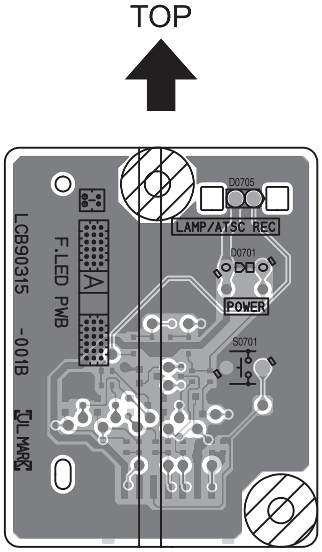
SIDE CONTROL PWB PATTERN [SOLDER SIDE]


TOP
MENU
CH +
CH -
VOL +
VOL -
S0503
S0504
S0505
S0501
S0502
F JACK PWB
LCB90314 -001C
J0401
C0444
C0445

SIDE CONTROL PWB PATTERN [PARTS SIDE]

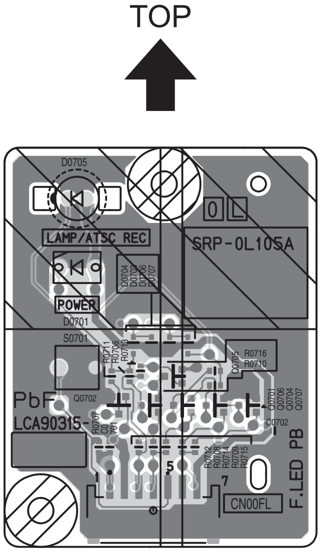

TOP
SRP-0L005A
CN00SW
CN00FJ
VOL -
VOL +
CH -
CH +
MENU
S0502
S0501
S0505
S0504
S0503
F JACK PB ASS'Y
PbF
LCA90314-
J0401
R0401
R0402
R0403
C0442
C0443
C0444
C0445
C0446
D0403
D0404
D0405
D0406
D0435
R0432

FRONT LED PWB PATTERN [SOLDER SIDE]



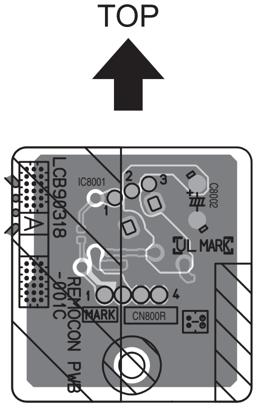
TOP
D0705
LAMP/ATSC REC
D0701
POWER
S0701
LCB90315 -001B
F.LED PWB
A
UL MARK

FRONT LED PWB PATTERN [PARTS SIDE]



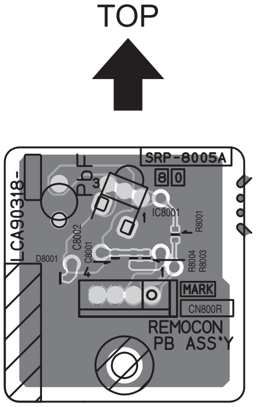
TOP
D0705
LAMP/ATSC REC
0
L
SRP-0L105A
POWER
D0704
D0703
D0706
D0707
D0701
S0701
R0711
R0706
R0713
Q0705
R0716
R0710
PbF
Q0702
LCA90315-
R0707
C0701
Q0701
Q0706
Q0704
Q0707
C0702
R0712
R0708
R0714
R0709
R0715
1
5
7
CN00FL
F.LED PB

REMOTE SENSOR PWB PATTERN [SOLDER SIDE]



TOP
LCB90318 -001C
REMOCON PWB
A
IC8001
1
2
3
C8002
UL MARK
1
4
MARK
CN800R

REMOTE SENSOR PWB PATTERN [PARTS SIDE]



TOP
SRP-8005A
8
0
LCA90318-
PbF
3
1
IC8001
R8001
C8002
C8001
D8001
R8004
R8003
4
1
MARK
CN800R
REMOCON
PB ASS'Y

CHANNEL CHART (US)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02		I
			03		
			04		
			05		
			06		
		VH	07		II
			08		
			09		
			10		
			11		
			12		
			13		
×	○	MID	A	14	I
			B	15	
			C	16	II
			D	17	
			E	18	
			F	19	
			G	20	
			H	21	
			I	22	
		SUPER	J	23	
			K	24	
			L	25	
			M	26	
			N	27	
			O	28	
			P	29	
			Q	30	
			R	31	
			S	32	
			T	33	
			U	34	
			V	35	
			W	36	
		HYPER	W+1	37	
			W+2	38	
			W+3	39	
			W+4	40	
			W+5	41	
			W+6	42	
			W+7	43	
			W+8	44	
			W+9	45	
			W+10	46	
			W+11	47	
			W+12	48	IV
			W+13	49	
			W+14	50	
			W+15	51	
			W+16	52	
			W+17	53	
			W+18	54	
			W+19	55	
			W+20	56	
			W+21	57	
			W+22	58	
			W+23	59	
			W+24	60	
			W+25	61	
			W+26	62	
			W+27	63	
			W+28	64	
		ULTRA	W+29	65	
			W+30	66	
			W+31	67	
			W+32	68	
			W+33	69	
			W+34	70	
×	○	ULTRA	W+35	71	IV
			W+36	72	
			W+37	73	
			W+38	74	
			W+39	75	
			W+40	76	
			W+41	77	
			W+42	78	
			W+43	79	
			W+44	80	
			W+45	81	
			W+46	82	
			W+47	83	
			W+48	84	
			W+49	85	
			W+50	86	
			W+51	87	
			W+52	88	
			W+53	89	
			W+54	90	
			W+55	91	
			W+56	92	
			W+57	93	
			W+58	94	
			W+59	100	
			W+60	101	
			W+61	102	
			W+62	103	
			W+63	104	
			W+64	105	
			W+65	106	
			W+66	107	
			W+67	108	
			W+68	109	
			W+69	110	
			W+70	111	
			W+71	112	
			W+72	113	
			W+73	114	
			W+74	115	
			W+75	116	
			W+76	117	
			W+77	118	
			W+78	119	
			W+79	120	
			W+80	121	
			W+81	122	
			W+82	123	
			W+83	124	
			W+84	125	
		SUB MID	A-8	01	I
			A-4	96	
			A-3	97	
			A-2	98	
			A-1	99	
○	×	UHF	14 ~ 69		IV

TOTAL 180CH
VHF 124CH
UHF 56CH

NOTE:
TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES.
SPECIAL ADAPTERS MAY BE REQUIRED.

CHANNEL CHART (CA)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02		I
			03		
			04		
			05		
			06		
		VH	07		II
			08		
			09		
			10		
			11		
			12		
			13		
×	○	MID	A	14	
			B	15	
			C	16	
			D	17	
			E	18	
			F	19	
			G	20	
			H	21	
			I	22	
		SUPER	J	23	
			K	24	
			L	25	
			M	26	
			N	27	
			O	28	
			P	29	III
			Q	30	
			R	31	
			S	32	
			T	33	
			U	34	
			V	35	
			W	36	
		HYPER	W+1	37	
			W+2	38	
			W+3	39	
			W+4	40	
			W+5	41	
			W+6	42	
			W+7	43	
			W+8	44	
			W+9	45	
			W+10	46	
			W+11	47	
			W+12	48	
			W+13	49	
			W+14	50	
			W+15	51	
			W+16	52	
			W+17	53	
			W+18	54	
			W+19	55	
			W+20	56	
			W+21	57	
			W+22	58	
			W+23	59	
			W+24	60	
			W+25	61	
			W+26	62	
			W+27	63	
			W+28	64	
		ULTRA	W+29	65	
			W+30	66	IV
			W+31	67	
			W+32	68	
			W+33	69	
			W+34	70	

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
×	○	ULTRA	W+35	71	IV
			W+36	72	
			W+37	73	
			W+38	74	
			W+39	75	
			W+40	76	
			W+41	77	
			W+42	78	
			W+43	79	
			W+44	80	
			W+45	81	
			W+46	82	
			W+47	83	
			W+48	84	
			W+49	85	
			W+50	86	
			W+51	87	
			W+52	88	
			W+53	89	
			W+54	90	
			W+55	91	
			W+56	92	
			W+57	93	
			W+58	94	
			W+59	100	
			W+60	101	
			W+61	102	
			W+62	103	
			W+63	104	
			W+64	105	
			W+65	106	
			W+66	107	
			W+67	108	
			W+68	109	
			W+69	110	
			W+70	111	
			W+71	112	
			W+72	113	
			W+73	114	
			W+74	115	
			W+75	116	
			W+76	117	
			W+77	118	
			W+78	119	
			W+79	120	
			W+80	121	
			W+81	122	
			W+82	123	
			W+83	124	
			W+84	125	
		SUB MID	A-8	01	I
			A-4	96	
			A-3	97	II
			A-2	98	
			A-1	99	
○	×	UHF	14 ~ 69		IV

TOTAL 180CH
VHF 124CH
UHF 56CH

NOTE:
TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES.
SPECIAL ADAPTERS MAY BE REQUIRED.

PARTS LIST

CAUTION

- ■ The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- ■ The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- ■ P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS			**CAPACITORS**	
CR	Carbon Resistor		C CAP.	Ceramic Capacitor
FR	Fusible Resistor		E CAP.	Electrolytic Capacitor
PR	Plate Resistor		M CAP.	Mylar Capacitor
VR	Variable Resistor		CH CAP.	Chip Capacitor
HV R	High Voltage Resistor		HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor		MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor		MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor		MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor		PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor		PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor		TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor		MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor		TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor		CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor		BP E CAP.	Bi-Polar Electrolytic Capacitor
			CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
			CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
			CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
			CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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MAIN DRIVE P.W. BOARD ASS'Y (SRP-3005A-M2) 3-40
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USING P.W. BOARD & REMOTE CONTROL UNIT

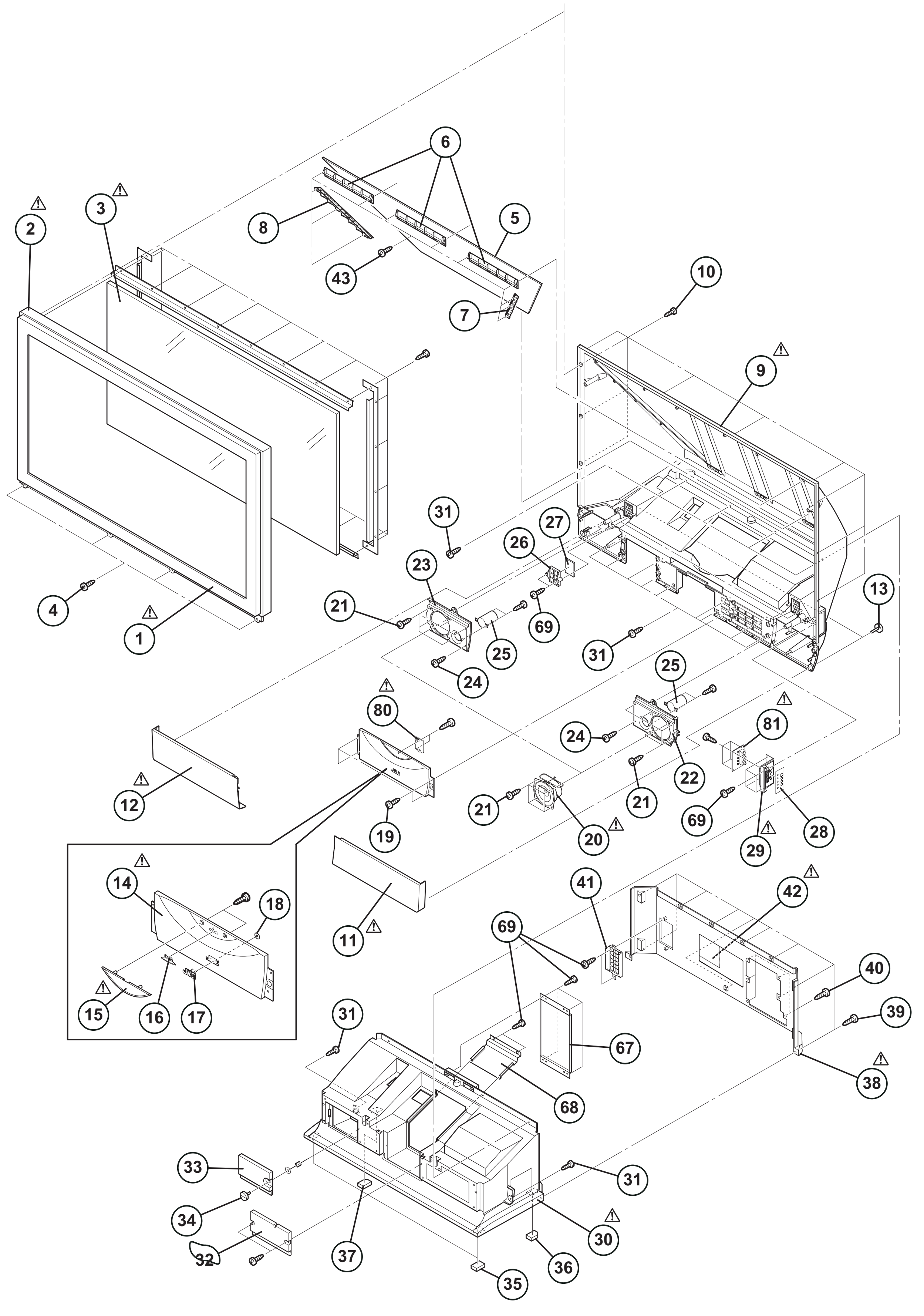
P.W.B ASS'Y	HD-52Z575	HD-52Z585	HD-61Z575	HD-61Z585
ANALOG SIGNAL P.W.B	SRP-1005A-M2	←	←	←
REGULATOR P.W.B	SRP-2005A-M2	←	←	←
MAIN DRIVE P.W.B	SRP-3005A-M2	←	←	←
REMOCON SENSOR P.W.B	SRP-8005A-M2	←	←	←
FAN CONTROL P.W.B	SRP-8105A-M2	←	←	←
TEMP SENSOR P.W.B	SRP-8205A-M2	←	←	←
SUB DRIVE P.W.B	SRP-8405A-M2	←	←	←
POWER P.W.B	SRP-9005A-M2	←	←	←
DIGITAL SIGNAL P.W.B	SRP0D007A-M2	SRP0D005A-M2	SRP0D008A-M2	SRP0D006A-M2
REAR JACK P.W.B	SRP0J005A-M2	←	←	←
SIDE CONTROL P.W.B	SRP0L005A-M2	←	←	←
FRONT LED P.W.B	SRP0L105A-M2	←	←	←
LAMP COVER SW P.W.B	SRP0L205A-M2	←	←	←
RECIEIVER P.W.B	SRP0R005A-M2	←	←	←
REMOTE CONTROL UNIT	RM-C15G-1H	←	←	←

EXPLODED VIEW PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	1	LC11870-001A-A	FRONT PANEL		HD-52Z575,HD-52Z585
⚠	1	LC11915-001B-A	FRONT PANEL		HD-61Z575,HD-61Z585
⚠	2	LC11869-002A-A	FRONT CABINET		HD-52Z575
⚠	2	LC11869-001A-A	FRONT CABINET		HD-52Z585
⚠	2	LC11914-002B-A	FRONT CABINET		HD-61Z575
⚠	2	LC11914-001B-A	FRONT CABINET		HD-61Z585
⚠	3	52SC-001A-M2	SCREEN ASSY		HD-52Z575,HD-52Z585
⚠	3	61SC-001A-M2	SCREEN ASSY		HD-61Z575,HD-61Z585
	4	QYSBSFG4016MA	TAP SCREW	For FRONT CABINET(x4)	
	5	LC32619-002B-A	GLASS MIRROR		HD-52Z575,HD-52Z585
	5	LC32619-001B-A	GLASS MIRROR		HD-61Z575,HD-61Z585
	6	LC21537-001A-A	MIRROR HOLDER TOP	(x3)	
	7	LC21538-002A-A	MIRROR HOLDER RIGHT		
	8	LC21538-001A-A	MIRROR HOLDER LEFT		
⚠	9	LC11871-001D-A	BACK COVER		HD-52Z575,HD-52Z585
⚠	9	LC11916-001D-A	BACK COVER		HD-61Z575,HD-61Z585
	10	QYSBSFG4016MA	TAP SCREW	For BACK COVER(x10)	
⚠	11	LC11872-004B-A	SP GRILL RIGHT		HD-52Z575
⚠	11	LC11872-002B-A	SP GRILL RIGHT		HD-52Z585
⚠	11	LC11917-004D-A	SP GRILL RIGHT		HD-61Z575
⚠	11	LC11917-002D-A	SP GRILL RIGHT		HD-61Z585
⚠	12	LC11872-003B-A	SP GRILL LEFT		HD-52Z575
⚠	12	LC11872-001B-A	SP GRILL LEFT		HD-52Z585
⚠	12	LC11917-003D-A	SP GRILL LEFT		HD-61Z575
⚠	12	LC11917-001B-A	SP GRILL LEFT		HD-61Z585
⚠	13	QYSPSPD4012MA	SCREW	For SP GRILL(x2)	
⚠	14	LC11876-002A-A	CENTER PANEL		HD-52Z575
⚠	14	LC11876-001A-A	CENTER PANEL		HD-52Z585
⚠	14	LC11949-002B-A	CENTER PANEL		HD-61Z575
⚠	14	LC11949-001B-A	CENTER PANEL		HD-61Z585
⚠	15	LC32791-002C-0K	P.KNOB ASSY		HD-52Z575,HD-61Z575
⚠	15	LC32791-001C-0K	P.KNOB ASSY		HD-52Z585,HD-61Z585
	16	LC32623-001B-A	LED LENS		
	17	LC32707-002A-C	JVC MARK		HD-52Z575,HD-61Z575
	17	LC32707-001A-C	JVC MARK		HD-52Z585,HD-61Z585
	18	QYNSS2000P	PUSH NUT	M2	
	19	QYSBSF4012ZA	TAP SCREW	For CENTER PANEL(x4)	
⚠	20	QAS0251-001	SPEAKER	SP01/SP02(x2)	
	21	QYSBSFG4016MA	TAP SCREW	For SPEAKER/SP PLATE(x18)	
	22	LC11939-002B-A	SP PLATE	RIGHT	HD-52Z575,HD-52Z585
	22	LC11950-002B-A	SP PLATE	RIGHT	HD-61Z575,HD-61Z585
	23	LC11939-001B-A	SP PLATE	LEFT	HD-52Z575,HD-52Z585
	23	LC11950-001B-A	SP PLATE	LEFT	HD-61Z575,HD-61Z585
	24	QYSBSFG4012M	TAP SCREW	M4 x 12mm(x2)	HD-52Z575,HD-52Z585
	24	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x2)	HD-61Z575,HD-61Z585
	25	LC32797-001A-A	SP PORT	(x2)	HD-52Z575,HD-52Z585
	26	LC21539-001A-A	FILTER COVER	(x2)	
	27	LC32621-001A-A	BACK COVER FILTER	(x2)	
	28	LC32626-001B-A	OPERATION SHEET		
⚠	29	LC21589-001A-A	SIDE CONTROL BASE		
⚠	30	LC11868-002C-A	BODY		HD-52Z575,HD-61Z575
⚠	30	LC11868-001C-A	BODY		HD-52Z585,HD-61Z585
	31	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x15)	
	32	LC21590-001A-A	CENTER COVER		
	33	LC12047-001A-A	LAMP COVER		
	34	LC41984-001A-A	KNOB SCREW		
	35	LC32861-001A-A	FOOT F	(x2)	
	36	LC32862-002A-A	FOOT B		
	37	LC32862-001A-A	FOOT B		
⚠	38	LC11873-001C-A	BODY COVER		
	39	QYSBSFG4016MA	TAP SCREW	For BODY COVER(x9)	
	40	QYSBSFG4016MA	TAP SCREW	For AV BOARD(x7)	
	41	LC21690-001B-A	LAMP DUCT BKT		
⚠	42	LC32830-001A-A	RATING LABEL		
	43	QYSBSFG4016MA	TAP SCREW	For MIRROR HOLDER(x12)	
⚠	44	TS-COP5A-S	OPTICAL/DRIVE ASSY		
⚠	45	TU-CL110UAA	LAMP UNIT		
⚠	46	LC11880-001C-A	AV BOARD		
	47	QYSBSF3012MA	TAP SCREW	For AV BOARD(x5)	
	48	QAM0493-001	F CABLE		
⚠	49	QMPD290-200-JC	POWER CORD(US/CA)	2m BLACK	
⚠	50	LC20106-001D-A	POWER CORD CLAMP		
⚠	51	LC11948-001B-A	BALLAST HOLDER		
⚠	52	QAL0568-001	POWER UNIT ASSY		
⚠	53	LC11985-001B-A	BALLAST COVER		
⚠	54	QAR0332-001	FUN MOTOR		
	55	LC11889-001B-A	LAMP DUCT B		
	56	LC11888-001C-A	LAMP DUCT T		
	57	LC11967-001B	DUCT PCS		
⚠	58	QMR0011-001	TH PROTECTOR		
⚠	59	QAR0331-001	FUN MOTOR		
	60	LC21682-001B-A	SIROCCO HOLDER		
⚠	61	QAR0335-001	FUN MOTOR		
	62	LC11886-001C-A	SIROCCO CASE		
	63	LC11986-001B-A	SHADE COVER		
	64	QUQ105-3015AE	FFC WIRE	30pin 15cm(x2)	

⚠	Ref.No.	Part No.	Part Name	Description	Local
	65	QUQ105-4013AE	FFC WIRE	40pin 13cm	
	66	QUQ105-5013AE	FFC WIRE	50pin 13cm(x4)	
	67	LC11943-001B-A	BODY BKT		
	68	LC32754-001A-A	TOP SHADE BKT		
	69	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x16)	
	70	LC12053-001B-A	SHIELD PLATE	Inc.No.44	
⚠	71	QQR0490-001	NOISE FILTER	(x2)	
⚠	72	QQR0491-001	FERRITE CORE	(GRAY)(x3)	
⚠	80	SRP0L105A-M2	FRONT LED PWB		
⚠	81	SRP0L005A-M2	SIDE CONTROL PWB		
⚠	82	SRP-9005A-M2	POWER PWB		
⚠	83	SRP0D007A-M2	DIGITAL SIGNAL PWB		HD-52Z575
⚠	83	SRP0D005A-M2	DIGITAL SIGNAL PWB		HD-52Z585
⚠	83	SRP0D008A-M2	DIGITAL SIGNAL PWB		HD-61Z575
⚠	83	SRP0D006A-M2	DIGITAL SIGNAL PWB		HD-61Z585
⚠	84	SRP-8405A-M2	SUB DRIVE PWB		
⚠	85	SRP0J005A-M2	REAR JACK PWB		
⚠	86	SRP-2005A-M2	REGULATOR PWB		
⚠	87	SRP-1005A-M2	ANALOG SIGNAL PWB		
⚠	88	SRP0R005A-M2	TUNER AUDIO PB		
⚠	89	SRP-8105A-M2	FAN CONTROL PWB		
⚠	90	SRP-8005A-M2	REMOCON SENSOR PWB		
⚠	91	SRP-8205A-M2	TEMP SENSOR PWB		
⚠	92	SRP0L205A-M2	LAMP COVER SW PWB		
⚠	93	------------	MAIN DRIVE PWB	Inc.No.44 (SRP-3005A-M2)	

EXPLODED VIEW



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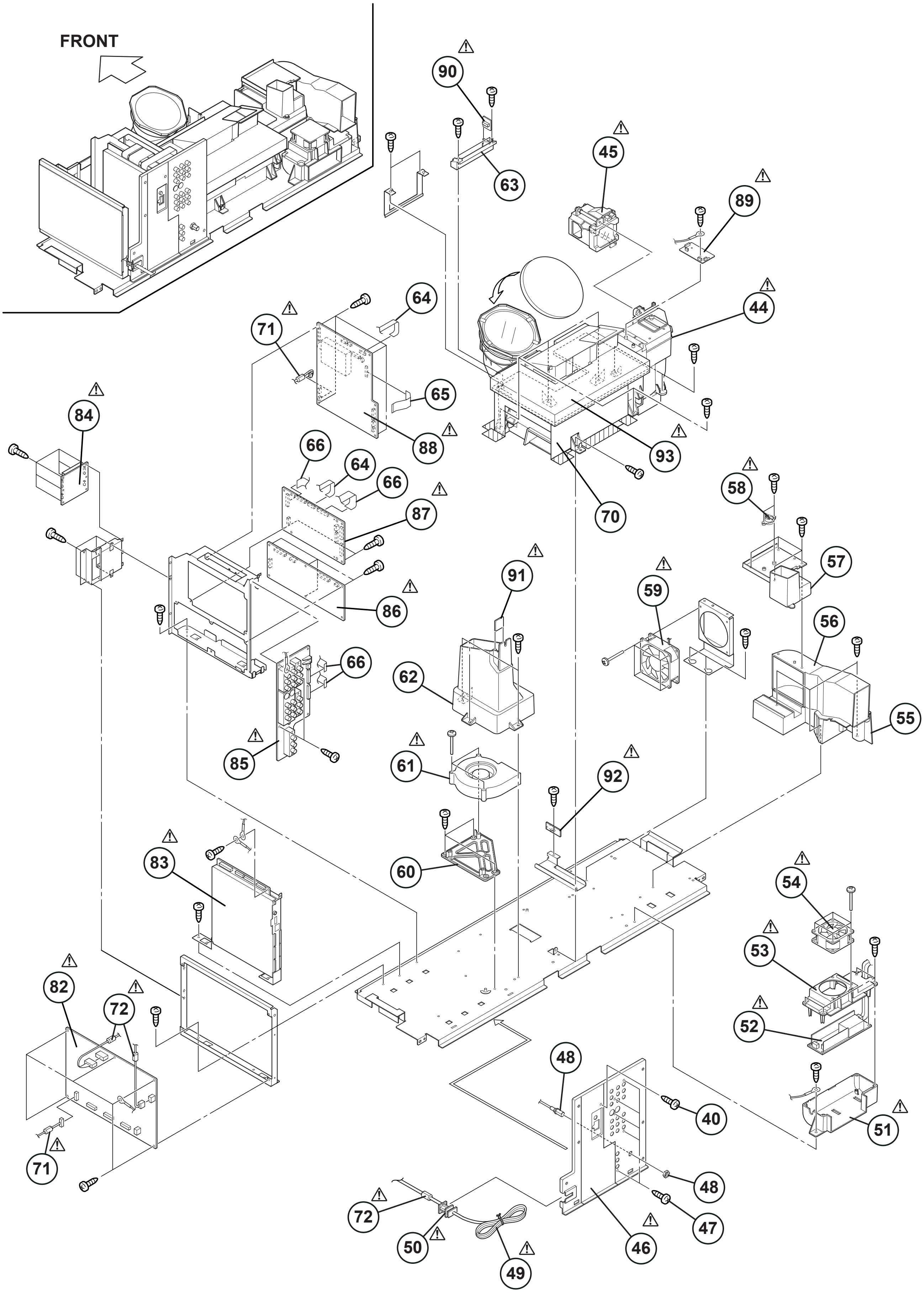


FRONT

PRINTED WIRING BOARD PARTS LIST [HD-52Z575]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC201	TA1370FG-X	IC		
IC202	SN74AHC1G08V-X	IC		
IC301	AN15852A	IC		
IC501	CXA2069Q	IC		
IC801	TB1274AF	IC		
IC802	TC90A69AF-X	IC		
IC803	BA05FP-X	IC		
IC902	TA48M033F-X	IC		
Q301	2SC3837K/NP/-X	TRANSISTOR		
Q302	2SC3837K/NP/-X	TRANSISTOR		
Q303	2SC3837K/NP/-X	TRANSISTOR		
Q304	2SC3837K/NP/-X	TRANSISTOR		
Q305	2SC3837K/NP/-X	TRANSISTOR		
Q306	2SC3837K/NP/-X	TRANSISTOR		
Q307	2SA1530A/QR/-X	TRANSISTOR		
Q402	2SK1374-X	MOS FET		
Q403	2SK1374-X	MOS FET		
Q404	2SK1374-X	MOS FET		
Q405	2SK1374-X	MOS FET		
Q801	2SA1530A/QR/-X	TRANSISTOR		
Q802	2SA1530A/QR/-X	TRANSISTOR		
Q810	2SA1530A/QR/-X	TRANSISTOR		
Q851	2SA1530A/QR/-X	TRANSISTOR		
Q853	2SC3928A/QR/-X	TRANSISTOR		
Q854	2SC3928A/QR/-X	TRANSISTOR		
Q855	2SA1530A/QR/-X	TRANSISTOR		
Q858	2SC3928A/QR/-X	TRANSISTOR		
Q859	2SA1530A/QR/-X	TRANSISTOR		
Q862	2SC3928A/QR/-X	TRANSISTOR		
Q863	2SC3928A/QR/-X	TRANSISTOR		
Q901	2SC3074/OY/-X	TRANSISTOR		
QB613	2SC3928A/QR/-X	TRANSISTOR		
D501	MA8100/M/-X	Z DIODE		
D903	PTZ11B-X	Z DIODE		
D904	PTZ6.8B-X	Z DIODE		
DB201	MA8033-X	Z DIODE		
DB604	MA111-X	SI DIODE		
DB606	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C202	NEH71HM-225X	E CAPACITOR	2.2uF 50V M	
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C204	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C205	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C206	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C207	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C302	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C307	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C308	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C319	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C321	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C323	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C324	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C325	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C326	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C327	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C328	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C329	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C330	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C335	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C336	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C337	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C339	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C340	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C341	MA8100/M/-X	Z DIODE		
C342	MA8100/M/-X	Z DIODE		
C343	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C346	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C349	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C354	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C372	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C501	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C502	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C503	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C505	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C804	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C807	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C813	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C818	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C826	NEH71EM-226X	E CAPACITOR	22uF 25V M	
C827	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C828	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C853	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C862	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C878	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C880	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C881	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C884	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C885	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C886	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C888	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C889	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C890	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C891	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C905	NEH91CM-476X	E CAPACITOR	47uF 16V M	
C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C912	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
CB401	NEH71HM-105X	E CAPACITOR	1uF 50V M	
CB501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB503	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB505	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

⚠Ref No.	Part No.	Part Name	Description	Local
CB506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB509	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB510	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB613	NEH71CM-106X	E CAPACITOR	10uF 16V M	
R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R212	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R214	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R304	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R305	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R318	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R319	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R323	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R324	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R328	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R329	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R375	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R385	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R395	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB203	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
RB502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB503	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L201	NQL034K-101X	CHIP P COIL	100uH K	
L807	NQR0413-003X	FERRITE BEADS		
L808	NQR0413-003X	FERRITE BEADS		
L809	NQR0413-003X	FERRITE BEADS		
L851	NQL092K-6R8X	COIL	6.8uH K	
L852	NQL092K-6R8X	COIL	6.8uH K	
L853	NQL092K-6R8X	COIL	6.8uH K	
L854	NQL092M-270X	CHIP P COIL	27uH M	
L855	NQL024J-560X	CHIP P COIL	56uH J	
L861	NQL914K-220X	COIL	22uH K	
L862	NQL914K-101X	COIL	100uH K	
L863	NQL914K-101X	COIL	100uH K	
L864	NQL914K-101X	COIL	100uH K	
L865	NQL914K-220X	COIL	22uH K	
L866	NQL914K-220X	COIL	22uH K	
L867	NQL914K-220X	COIL	22uH K	
L901	NQL52EM-220X	COIL	22uH M	
L902	NQL52EM-220X	COIL	22uH M	
L904	NQL52EM-220X	COIL	22uH M	
CN001	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
CN00F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN00T	QGF0508C1-40W	CONNECTOR	FFC/FPC (1-40)	
CN0J1	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN0J2	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
X201	CSB503F30-T2	C RESONATOR		
X801	NAX0621-001X	CRYSTAL	16.200MHz	

REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2001	PQ12RD11	IC		
IC2101	PQ1CG2032FZ	IC		
IC2201	PQ1CG2032FZ	IC		
IC2701	M62320FP-X	IC		
IC2702	BA05FP-X	IC		
Q2801	2SC3928A/QR/-X	TRANSISTOR		
Q2802	2SC3928A/QR/-X	TRANSISTOR		
D2001	D1FS4-X	SB DIODE		
D2102	FSQ05A04	SB DIODE		
D2103	PTZ11B-X	Z DIODE		
D2202	FSQ05A04	SB DIODE		
D2203	PTZ6.8B-X	Z DIODE		
D2701	MA8051/M/-X	Z DIODE		
D2801	MA111-X	SI DIODE		
D2802	MA8051/M/-X	Z DIODE		
D2803	MA111-X	SI DIODE		
C2001	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2002	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2003	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2101	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	
C2102	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C2103	QEZ0255-128	E CAPACITOR	1200uF 16V M	
C2105	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2106	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2201	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	
C2202	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C2203	QEZ0256-128	E CAPACITOR	1200uF 10V M	
C2205	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2206	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2207	QEZ0256-128	E CAPACITOR	1200uF 10V M	
C2701	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2703	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2801	NCB21CK-105X	C CAPACITOR	1uF 16V K	
R2001	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2101	NRSA63D-683X	MG RESISTOR	68kΩ 1/16W D	
R2102	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2103	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	
R2104	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R2201	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R2202	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2203	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D	
R2204	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R2205	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R2206	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R2701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2703	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2704	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2801	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2802	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2804	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2805	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2806	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2807	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
L2102	QQR1401-001	CHOKE COIL		
L2202	QQR1401-001	CHOKE COIL		
H2101	LC31334-003A	HEAT SINK/AL-F/		
H2201	LC31334-003A	HEAT SINK/AL-F/		

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
Q3161	CPH3116-X	CHIP TRANSISTOR		
Q3261	CPH3116-X	CHIP TRANSISTOR		
Q3361	CPH3116-X	CHIP TRANSISTOR		
Q3702	DTC114EKA-X	DIGI TRANSISTOR		
Q3901	UPA2751GR-X	POWER MOS FET		
Q3902	DTC114EKA-X	DIGI TRANSISTOR		
Q3903	DTC114EKA-X	DIGI TRANSISTOR		
Q3904	2SC2412K/QR/-X	TRANSISTOR		
D3001	MAZC062D-W	CHIP DIODE		
D3161	MA3056/M/-X	Z DIODE		
D3261	MA3056/M/-X	Z DIODE		
D3361	MA3056/M/-X	Z DIODE		
D3701	MAZC062D-W	CHIP DIODE		
D3702	MAZC062D-W	CHIP DIODE		
D3703	MAZC062D-W	CHIP DIODE		
D3704	MAZC062D-W	CHIP DIODE		
D3705	MAZC062D-W	CHIP DIODE		
D3706	MAZC062D-W	CHIP DIODE		
D3707	MAZC062D-W	CHIP DIODE		
D3741	MAZC062D-W	CHIP DIODE		
D3742	MAZC062D-W	CHIP DIODE		
D3901	MA111-X	SI DIODE		
D3902	EC30HA03L-X	SB DIODE		
D3903	PTZ3.9B-X	Z DIODE		
D3931	EC30HA03L-X	SB DIODE		
D3932	EC30HA03L-X	SB DIODE		
D3933	PTZ6.8B-X	Z DIODE		
C3001	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3003	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3005	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3091	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3104	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3109	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3110	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3121	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3122	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3123	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3124	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3125	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3127	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3130	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3143	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3144	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3145	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3146	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3147	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3148	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3149	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3150	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3151	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3152	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3161	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3162	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3163	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3164	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3165	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3166	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3167	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3168	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3171	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3172	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3191	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3192	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3193	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3195	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3196	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3197	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3198	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3199	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3201	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3202	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C3203	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C3204	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3205	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3206	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3208	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3209	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3210	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3211	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3212	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3213	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3221	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3222	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3223	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3224	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3225	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3226	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3227	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3228	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3229	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3230	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3231	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3232	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3241	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3242	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3243	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3244	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3245	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3246	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3247	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3248	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3249	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3250	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3251	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3252	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3261	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3262	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3263	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3264	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3265	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3266	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3267	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3268	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3271	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3272	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3291	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3292	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3293	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3295	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3296	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3297	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3298	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3299	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3304	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3305	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3306	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3308	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3309	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3310	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3311	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3312	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3313	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3321	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3323	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3324	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3325	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3326	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3327	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3328	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3329	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3330	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3331	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3332	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3341	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3342	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3343	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3344	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3345	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3346	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3347	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3349	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3350	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3352	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3361	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3362	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3363	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3364	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3365	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3366	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3367	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3368	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3371	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3372	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3391	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3393	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3395	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3396	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3397	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3398	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3399	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3701	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3702	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3703	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3704	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3706	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3707	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3708	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3709	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3741	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3742	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3743	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3801	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3803	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3808	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3810	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3813	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3815	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3821	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3822	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3823	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3824	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3825	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3826	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3871	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3891	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3892	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3893	NBE50JM-107X	TA E CAPACITOR	100uF 6.3V M	
C3894	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3901	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3902	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3903	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3904	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3905	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3906	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3907	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3908	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C3909	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3910	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3911	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C3912	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3913	NEH90JM-476X	E CAPACITOR	47uF 6.3V M	
C3931	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C3932	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3933	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3934	NEZ0022-157X	E CAPACITOR	150uF 10V M	
C3936	NEH91CM-476X	E CAPACITOR	47uF 16V M	
C3951	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3952	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3953	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3954	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3958	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3959	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3960	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3961	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3965	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3966	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3967	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3968	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3969	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3970	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3971	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3972	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3973	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R3001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3007	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3008	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3009	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3022	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3029	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3030	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3032	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3103	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3104	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3105	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3106	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	
R3107	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	
R3111	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3113	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3119	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3121	NQR0271-001X	EMI FILTEROR		
R3122	NQR0271-001X	EMI FILTEROR		
R3123	NQR0271-001X	EMI FILTEROR		
R3124	NQR0271-001X	EMI FILTEROR		
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3129	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3130	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3131	NQR0271-001X	EMI FILTEROR		
R3132	NQR0271-001X	EMI FILTEROR		
R3133	NQR0271-001X	EMI FILTEROR		
R3134	NQR0271-001X	EMI FILTEROR		
R3135	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3145	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3146	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	
R3147	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	
R3151	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3152	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3153	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3154	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3167	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3168	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3169	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3170	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3171	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3173	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3174	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3181	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3182	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3183	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3184	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3185	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3186	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3187	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3188	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3189	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3190	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3191	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3192	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3196	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3197	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3198	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3199	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3201	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3203	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3204	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3205	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3206	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	
R3207	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	
R3210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3211	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3212	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3221	NQR0271-001X	EMI FILTEROR		
R3222	NQR0271-001X	EMI FILTEROR		
R3223	NQR0271-001X	EMI FILTEROR		
R3224	NQR0271-001X	EMI FILTEROR		
R3225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3226	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3228	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3229	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3230	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3231	NQR0271-001X	EMI FILTEROR		
R3232	NQR0271-001X	EMI FILTEROR		
R3233	NQR0271-001X	EMI FILTEROR		
R3234	NQR0271-001X	EMI FILTEROR		
R3237	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3241	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3242	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3243	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3244	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3245	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3246	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	
R3247	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	
R3251	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3252	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3254	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3255	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3256	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3257	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3261	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3262	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3263	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3264	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3265	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3266	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3267	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3268	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3269	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3270	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3271	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3273	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3274	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3281	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3282	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3283	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3284	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3285	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3286	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3287	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3288	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3289	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3290	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3291	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3292	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3296	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3297	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3298	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3299	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3302	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3303	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3304	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3305	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3306	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	
R3307	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	
R3311	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3313	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3315	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3319	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3321	NQR0271-001X	EMI FILTEROR		
R3322	NQR0271-001X	EMI FILTEROR		
R3323	NQR0271-001X	EMI FILTEROR		
R3324	NQR0271-001X	EMI FILTEROR		
R3325	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3329	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3330	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3331	NQR0271-001X	EMI FILTEROR		
R3332	NQR0271-001X	EMI FILTEROR		
R3333	NQR0271-001X	EMI FILTEROR		
R3334	NQR0271-001X	EMI FILTEROR		
R3335	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3337	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3341	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3342	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3343	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3344	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3345	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3346	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	
R3347	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	
R3351	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3352	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3353	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3354	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3361	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3362	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3363	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3364	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3365	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3366	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3367	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3368	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3369	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3370	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3371	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3373	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3374	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3381	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3382	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3383	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3384	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3385	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3386	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3387	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3388	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3389	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3390	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3391	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3392	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3396	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3397	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3398	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3399	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3704	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3705	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3706	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3707	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3708	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3709	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3710	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3713	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3715	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3716	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3717	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3719	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3721	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3722	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3725	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3726	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3727	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3728	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3730	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3731	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3741	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3742	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3743	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3744	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3745	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3746	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3747	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3748	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3749	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3750	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3751	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3801	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3802	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3803	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3804	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3805	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3806	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3807	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3808	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3809	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3810	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3811	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3812	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3824	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3828	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3830	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3832	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3833	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3834	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3835	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3836	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3838	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3901	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3902	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3903	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3904	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3905	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3906	NRVA63D-222X	CMF RESISTOR	2.2kΩ 1/16W D	
R3908	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3909	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3910	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3911	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J	
R3912	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3913	NRZ0075-R005X	MP RESISTOR	0.005Ω 1W J	
R3917	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3918	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3931	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3932	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3933	NRVA63D-122X	CMF RESISTOR	1.2kΩ 1/16W D	
R3934	NRVA63D-822X	CMF RESISTOR	8.2kΩ 1/16W D	
R3935	NRVA63D-332X	CMF RESISTOR	3.3kΩ 1/16W D	
R3939	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3951	NRVA63D-391X	CMF RESISTOR	390Ω 1/16W D	
R3952	NRVA63D-332X	CMF RESISTOR	3.3kΩ 1/16W D	
R3953	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3954	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3957	NRVA63D-392X	CMF RESISTOR	3.9kΩ 1/16W D	
R3958	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R3959	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3960	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3968	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3970	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	

⚠Ref No.	Part No.	Part Name	Description	Local
R3971	NRVA63D-471X	CMF RESISTOR	470Ω 1/16W D	
R3972	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R3975	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3976	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3977	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3978	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3979	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3981	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R3982	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R3983	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J	
R3984	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3985	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3986	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3987	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3988	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3989	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3990	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3991	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3992	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3993	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3994	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3995	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3996	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3997	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3998	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3999	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L3701	NQL024J-2R2X	CHIP P COIL	2.2uH J	
L3901	NQL51EM-100X	COIL	10uH M	
L3902	NQL52EN-4R7X	COIL	4.7uH N	
L3931	NQL63EM-101X	COIL	100uH M	
L3932	NQL52EN-4R7X	COIL	4.7uH N	
CN302	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN303	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN304	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
K3091	NQR0350-001X	FERRITE BEADS		
K3093	NQR0350-001X	FERRITE BEADS		
K3191	NQR0350-001X	FERRITE BEADS		
K3192	NQR0350-001X	FERRITE BEADS		
K3193	NQR0350-001X	FERRITE BEADS		
K3194	NQR0350-001X	FERRITE BEADS		
K3291	NQR0350-001X	FERRITE BEADS		
K3292	NQR0350-001X	FERRITE BEADS		
K3293	NQR0350-001X	FERRITE BEADS		
K3294	NQR0350-001X	FERRITE BEADS		
K3391	NQR0350-001X	FERRITE BEADS		
K3392	NQR0350-001X	FERRITE BEADS		
K3393	NQR0350-001X	FERRITE BEADS		
K3394	NQR0350-001X	FERRITE BEADS		
K3701	NQR0350-001X	FERRITE BEADS		
K3741	NQR0350-001X	FERRITE BEADS		
K3742	NQR0350-001X	FERRITE BEADS		
K3743	NQR0350-001X	FERRITE BEADS		
K3744	NQR0350-001X	FERRITE BEADS		
K3891	NQR0350-001X	FERRITE BEADS		
X3201	NAX0673-001X	CRYSTAL		
X3701	NAX0672-001X	CRYSTAL		

REMOCON SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8001	GP1UM281QK	IR DETECT UNIT	38kHz	
D8001	MA8068-X	Z DIODE		
C8001	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8002	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
CN800R	WJK0174-001A	E-SI C WIRE C-B		

FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8001	LM2941S-W	IC		
IC8002	PQ20WZ11-X	IC		
IC8003	PQ20WZ11-X	IC		
IC8005	SN74HC32NS-X	IC (DIGITAL)		
Q8001	2SC2412K/QR/-X	TRANSISTOR		
Q8002	2SC2412K/QR/-X	TRANSISTOR		
Q8003	2SC2412K/QR/-X	TRANSISTOR		
D8001	MAZC062D-W	CHIP DIODE		
D8002	MAZC062D-W	CHIP DIODE		
D8003	MAZC062D-W	CHIP DIODE		
C8001	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C8002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8003	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C8004	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8008	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8009	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8010	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C8011	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8018	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8020	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C8021	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NEH71CM-106X	E CAPACITOR	10uF 16V M	
R8001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8002	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8003	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D	
R8004	NRSA63D-681X	MG RESISTOR	680Ω 1/16W D	
R8005	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8006	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R8007	NRS12BJ-101W	MG RESISTOR	100Ω 1/2W J	
R8011	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8012	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8013	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R8014	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D	
R8015	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R8016	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R8021	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8022	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8023	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8024	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8025	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R8026	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R8041	NRZ0040-103X	NET RESISTOR	10kΩ 1/16W J x4	
R8042	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2001	LM75CIM-5-X	IC		
D2001	MAZC062D-W	CHIP DIODE		
C2002	NCB21CK-105X	C CAPACITOR	1uF 16V K	
R2001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
K2001	NQR0350-001X	FERRITE BEADS		

SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC4001	THC63LVDF84B-W	IC		
IC4002	THC63LVDM83R-W	IC		
IC4101	XC2S100E6FT256C	IC		
IC4102	XCF01VO20CP01-X	IC		
IC4103	K4S643232H-TC60	IC		
IC4103	HY57643220CT7	IC		
IC4104	R1170H181B-X	IC		

⚠Ref No.	Part No.	Part Name	Description	Local
C4001	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C4002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4011	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C4012	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4017	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4021	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C4022	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4024	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4027	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4028	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4102	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4103	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4104	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4109	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4110	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4117	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4118	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4120	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4121	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4122	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4123	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4124	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4125	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4126	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4127	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4130	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4133	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4134	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4135	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4136	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4137	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4143	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4144	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4151	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C4152	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4153	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4154	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4155	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4156	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4157	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4158	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4159	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4160	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4161	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4162	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4163	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4164	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4171	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C4172	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4173	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C4174	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4175	NBE50JM-107X	TA E CAPACITOR	100uF 6.3V M	
C4176	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4177	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4185	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C4186	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R4001	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R4011	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R4012	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R4013	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R4014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4018	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4019	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R4021	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R4022	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R4023	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R4024	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R4025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4031	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R4032	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R4033	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R4034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4038	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R4040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4045	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4047	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4048	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R4105	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4106	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R4108	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4109	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4119	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R4121	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4122	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R4123	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4124	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R4131	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R4132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4133	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4135	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4139	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4140	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4150	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4152	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R4165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4167	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R4168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L4001	NQL52EN-4R7X	COIL	4.7uH N	
K4011	NQR0413-003X	FERRITE BEADS		
K4012	NQR0504-001X	EMI FILTER		
K4013	NQR0504-001X	EMI FILTER		
K4014	NQR0504-001X	EMI FILTER		
K4021	NQR0413-003X	FERRITE BEADS		
K4022	NQR0504-001X	EMI FILTER		
K4023	NQR0504-001X	EMI FILTER		
K4024	NQR0504-001X	EMI FILTER		
K4101	NQR0413-003X	FERRITE BEADS		
K4102	NQR0413-003X	FERRITE BEADS		
K4103	NQR0413-003X	FERRITE BEADS		
K4104	NQR0413-003X	FERRITE BEADS		
K4105	NQR0413-003X	FERRITE BEADS		
K4107	NQR0413-003X	FERRITE BEADS		
X4101	NAX0587-001X	CXO	54.0000MHz	

POWER P.W. BOARD ASS'Y (SRP-9005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9141	BA05FP-X	IC		
⚠IC9211	MC33262D-X	IC		
IC9501	STR-W6765-F5	IC		
Q9021	UN2211-X	TRANSISTOR		
⚠Q9211	2SK3522-01-F1	POWER MOS FET		
Q9212	2SC3928A/QR/-X	TRANSISTOR		
Q9213	IMD3A-W	TRANSISTOR		
Q9215	2SC3928A/QR/-X	TRANSISTOR		
Q9251	UN2213-X	DIGI TRANSISTOR		
Q9252	UN2213-X	DIGI TRANSISTOR		
Q9301	2SC4682-T	TRANSISTOR		
D9001	MA3047/H/-X	Z DIODE		
D9021	MA111-X	SI DIODE		
D9111	S1WB/A/60-4101	BRIDGE DIODE		
⚠D9201	D25XB60	BRIDGE DIODE		
D9202	MA111-X	SI DIODE		
⚠D9211	YG972S6R	SI DIODE		
D9213	MA111-X	SI DIODE		
D9214	MA111-X	SI DIODE		
D9251	MA3068/M/-X	Z DIODE		
D9252	MA111-X	SI DIODE		
D9253	MA111-X	SI DIODE		
D9254	D1FL20U-X	SI DIODE		
D9301	MTZJ16C-T2	Z DIODE		
D9501	SARS01-T2	SI DIODE		
D9502	SARS01-T2	SI DIODE		
D9503	RGP10J-04TS-T3	SI DIODE		
D9504	D1FS4-X	SB DIODE		
D9505	RD33E/B1/-T2	Z DIODE		
D9506	D1FL20U-X	SI DIODE		
D9507	MA111-X	SI DIODE		
D9510	MA111-X	SI DIODE		
D9511	D1FS4-X	SB DIODE		
D9512	D1FL20U-X	SI DIODE		
D9514	RD12E/B2/-T5	Z DIODE		
D9551	RU3YX-LFC4	SI DIODE		
D9552	RU3YX-LFC4	SI DIODE		
D9553	FME-220A	SB DIODE		
D9554	RGP10J-04TS-T3	SI DIODE		
D9555	RD33E/B1/-T2	Z DIODE		
D9556	RGP10J-04TS-T3	SI DIODE		
D9701	UTCTL431-T	IC		
⚠C9001	QFZ9075-105	MPP CAPACITOR	1uF AC275V M	
⚠C9002	QFZ9075-105	MPP CAPACITOR	1uF AC275V M	
⚠C9011	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9013	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9101	QCZ9078-472	C CAPACITOR	4700pF AC250V M	
⚠C9102	QCZ9078-472	C CAPACITOR	4700pF AC250V M	
⚠C9103	QCZ9078-472	C CAPACITOR	4700pF AC250V M	
C9111	QEHQ2GM-226	E CAPACITOR	22uF 400V M	
C9141	QTMN1CM-477Z	E CAPACITOR	470uF 16V M	
C9142	QEHR1AM-337Z	E CAPACITOR	330uF 10V M	
C9143	QEHR1CM-107Z	E CAPACITOR	100uF 16V M	
⚠C9198	QCZ9079-472	C CAPACITOR	4700pF AC250V M	
⚠C9201	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
⚠C9203	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
⚠C9204	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
⚠C9205	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
C9211	QFZ0213-155	MM CAPACITOR	1.5uF 400V K	
C9212	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9213	NCB21CK-684X	C CAPACITOR	0.68uF 16V K	
C9214	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C9215	QEHR1VM-476Z	E CAPACITOR	47uF 35V M	
C9216	QEZ0650-227	E CAPACITOR	220uF 450V M	
C9217	QCZ0340-102	C CAPACITOR	1000pF 2kV K	
C9218	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9219	QCZ0122-471	C CAPACITOR	470pF 2kV K	
C9251	QETN1HM-107Z	E CAPACITOR	100uF 50V M	
C9252	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C9301	QETN1EM-226Z	E CAPACITOR	22uF 25V M	
C9501	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9503	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C9504	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C9505	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C9506	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9507	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9508	QCZ0340-471	C CAPACITOR	470pF 2kV K	
C9510	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
C9511	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
C9553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9555	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
C9556	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
C9557	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
C9559	QEHR2AM-106Z	E CAPACITOR	10uF 100V M	
C9560	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9562	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	
C9563	QETM1HM-108	E CAPACITOR	1000uF 50V M	
C9564	QETM1HM-108	E CAPACITOR	1000uF 50V M	
C9565	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9566	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9567	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9568	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9569	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9703	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
⚠R9001	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
R9003	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J	
R9004	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J	
R9005	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R9021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9101	QRZ0216-4R7	UNF WW RESISTOR	4.7Ω 7W K	
R9141	QRX01GJ-1R0	MF RESISTOR	1Ω 1W J	
R9142	QRX01GJ-R82	MF RESISTOR	0.82Ω 1W J	
R9148	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9201	QRZ0121-200	UNF WW RESISTOR	20Ω 5W J	
R9203	QRG01GJ-181	OMF RESISTOR	180Ω 1W J	
R9211	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9212	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9213	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9214	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9215	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R9216	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9217	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9218	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9219	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J	
R9220	QRM059J-R15	MP RESISTOR	0.15Ω 5W J	
R9221	QRM059J-R27	MP RESISTOR	0.27Ω 5W J	
R9222	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9223	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9224	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J	
R9225	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9226	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9227	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J	
R9228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9233	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9236	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9237	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9251	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9253	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R9254	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9255	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9256	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9302	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9501	QRL039J-104	OMF RESISTOR	100kΩ 3W J	
R9502	QRL039J-333	OMF RESISTOR	33kΩ 3W J	
R9503	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J	
R9504	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J	
R9505	QRL039J-220	OMF RESISTOR	22Ω 3W J	
⚠R9506	QRZ9017-120	FUSI RESISTOR	12Ω 1/4W J	
R9507	NRS12BJ-100W	MG RESISTOR	10Ω 1/2W J	
R9508	NRS12BJ-122W	MG RESISTOR	1.2kΩ 1/2W J	
R9510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9511	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9512	QRX01GJ-R39	MF RESISTOR	0.39Ω 1W J	
R9514	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
⚠R9515	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J	
R9516	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9551	QRT039J-R47	MF RESISTOR	0.47Ω 3W J	
R9552	QRT039J-R47	MF RESISTOR	0.47Ω 3W J	
R9553	QRL029J-331	OMF RESISTOR	330Ω 2W J	
R9554	QRG01GJ-222	OMF RESISTOR	2.2kΩ 1W J	
R9559	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	
R9701	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9705	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R9706	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D	
R9707	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
⚠R9991	QRZ0107-685Z	C RESISTOR	6.8MΩ 1/2W K	
L9141	QQL26AK-470Z	CHOKE COIL	47uH K	
L9201	QQR1468-001	CHOKE COIL		
⚠T9121	QAL0425-001	POWER TRANSF		
⚠T9501	QQS0276-001	SW TRANSF		
CN90E1	QUB130-42FXZA	SIN TWIST WIRE		
⚠CP9121	QMFZ052-2R0-E	FUSE	2A AC250V	
⚠CP9211	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9554	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠CP9555	ICP-N50-Y	IC PROTECTOR	2.0A	

⚠Ref No.	Part No.	Part Name	Description	Local
⚠CP9556	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9557	ICP-N70-T	IC PROTECTOR	2.5A	
⚠F9001	QMF51D2-6R3-J1	FUSE	6.3A AC250V	
⚠H9211	LC32697-001A	HEAT SINK/AL-F/		
H9501	LC32528-001A	HEAT SINK/AL-F/		
H9553	LC32528-001A	HEAT SINK/AL-F/		
K9111	QQR0582-001Z	FERRITE BEADS		
K9211	QQR0621-002Z	FERRITE BEADS		
K9212	QQR0621-002Z	FERRITE BEADS		
K9501	QQR0621-002Z	FERRITE BEADS		
K9502	QQR0621-002Z	FERRITE BEADS		
K9551	QQR0621-002Z	FERRITE BEADS		
K9552	QQR0621-002Z	FERRITE BEADS		
K9553	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9554	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9555	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9556	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9557	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
⚠LF9001	QQR1542-001	LINE FILTER		
⚠LF9002	QQR1466-001	LINE FILTER		
⚠LF9003	QQR1467-001	LINE FILTER		
⚠PC9001	PC123Y22	PHOTO COUPLER		
⚠PC9501	PC123Y22	PHOTO COUPLER		
⚠RY9021	QSK0119-001	RELAY		
⚠RY9201	QSK0117-001	RELAY		
⚠VA9001	ERZV10V621CS	ZNR		

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D007A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	MT46V2M32V1LG55	IC		
IC3502	MT46V2M32V1LG55	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV010A15T01	IC		
IC4004	24LC256-I/SM-X	IC		
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPA	IC(MCU)		
IC7002	24LC256-I/SM-X	IC		
IC7401	S-80828CLNB-W	IC		
IC7601	M306V7MG-088FP	IC(MCU)		
IC7602	24LC16B/SN-X	IC		
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC8001	SII9993CTG100	IC		
IC8002	S-24C02BFJ-X	IC		
IC8003	S-24C02BFJ-X	IC		
IC8004	SN74AHCT04PW-X	IC		
IC8005	S-80828CLNB-W	IC		
IC8006	TC74HC4066AFT-X	IC(DIGITAL)		
IC8008	AK4384VT-X	IC		
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q8002	2SK1228-X	MOS FET		
Q8003	2SK1228-X	MOS FET		
Q8004	DTC363TK-X	DIGI TRANSISTOR		
Q8005	UN2113-X	DIGI TRANSISTOR		
Q8006	UN2213-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7601	MA111-X	SI DIODE		
D8001	BAV99L-X	SI DIODE		
D8002	BAV99L-X	SI DIODE		
D8003	NAF0013-001X	ESD-SURPPRESSOR		
D8004	NAF0013-001X	ESD-SURPPRESSOR		
D8005	NAF0013-001X	ESD-SURPPRESSOR		
D8006	NAF0013-001X	ESD-SURPPRESSOR		
D8007	NAF0013-001X	ESD-SURPPRESSOR		
D8008	NAF0013-001X	ESD-SURPPRESSOR		
D8009	NAF0013-001X	ESD-SURPPRESSOR		
D8010	NAF0013-001X	ESD-SURPPRESSOR		
D8016	MA111-X	SI DIODE		
D8017	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C8001	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8004	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8007	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8009	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8012	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8017	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8019	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8021	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8025	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8028	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8033	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8035	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8037	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C8038	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8039	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8043	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8044	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8048	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8053	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8054	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C8104	NCB31AK-105X	C CAPACITOR	1uF 10V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C8105	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8106	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8113	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8114	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8115	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8118	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8120	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9012	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7061	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7663	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8004	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8005	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8010	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R8011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8012	NRSA63D-820X	MG RESISTOR	82Ω 1/16W D	
R8014	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R8015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8023	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8028	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8032	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8069	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8070	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8071	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8072	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8080	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8083	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8084	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8090	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R8091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NQR0413-003X	FERRITE BEADS		
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NQR0413-003X	FERRITE BEADS		
R9108	NQR0413-003X	FERRITE BEADS		
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9203	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NQR0413-003X	FERRITE BEADS		
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	

⚠Ref No.	Part No.	Part Name	Description	Local
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-2R2X	COIL	2.2uH K	
L0201	NQL092K-2R2X	COIL	2.2uH K	
L0301	NQL092K-2R2X	COIL	2.2uH K	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	COIL	1uH K	
L1201	NQL092K-6R8X	COIL	6.8uH K	
L1203	NQL092K-1R0X	COIL	1uH K	
L1301	NQL092K-6R8X	COIL	6.8uH K	
L1303	NQL092K-1R0X	COIL	1uH K	
L1401	NQL092K-6R8X	COIL	6.8uH K	
L1403	NQL092K-1R0X	COIL	1uH K	
L1501	NQL092K-4R7X	COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NQR0413-003X	FERRITE BEADS		
L3006	NQR0413-003X	FERRITE BEADS		
L3007	NQR0413-003X	FERRITE BEADS		
L3008	NQR0413-003X	FERRITE BEADS		
L3009	NQR0413-003X	FERRITE BEADS		
L3010	NQR0413-003X	FERRITE BEADS		
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NQR0413-003X	FERRITE BEADS		
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NQR0413-003X	FERRITE BEADS		
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L8009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8018	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COPULINK Ⅲ	
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

⚠Ref No.	Part No.	Part Name	Description	Local
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NQR0489-002X	FERRITE BEADS		
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	C RESONATOR		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2081	TPS855	PHOTO CONDUCTOR		
D2001	MA8100/M/-X	Z DIODE		
D2002	MA8100/M/-X	Z DIODE		
D2004	MA8100/M/-X	Z DIODE		
D2005	MA8100/M/-X	Z DIODE		
D2006	MA8100/M/-X	Z DIODE		
D2007	MA8100/M/-X	Z DIODE		
D2008	MA8100/M/-X	Z DIODE		
D2010	MA8100/M/-X	Z DIODE		
D2011	MA8100/M/-X	Z DIODE		
D2012	MA8100/M/-X	Z DIODE		
D2013	MA8100/M/-X	Z DIODE		
D2014	MA8100/M/-X	Z DIODE		
D2015	MA8100/M/-X	Z DIODE		
D2016	MA8100/M/-X	Z DIODE		
D2017	MA8100/M/-X	Z DIODE		
D2081	MA8033-X	Z DIODE		
D2201	MA8100/M/-X	Z DIODE		
D2202	MA8100/M/-X	Z DIODE		
D2203	MA8100/M/-X	Z DIODE		
D2205	MA8100/M/-X	Z DIODE		
D2206	MA8100/M/-X	Z DIODE		
D2207	MA8100/M/-X	Z DIODE		
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2002	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2004	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2008	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2010	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2011	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2012	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2013	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2014	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2015	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2081	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2082	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2083	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2084	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2201	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2202	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2203	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2204	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2205	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2206	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2213	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2214	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2004	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2005	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2009	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2013	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2056	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2057	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2081	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2207	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2208	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2210	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2212	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2213	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R2214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2216	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R2217	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2218	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2219	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
J2001	QNZ0484-001	AV JACK	S/V/L/R IN	
J2002	QNN0646-001	PIN JACK	COMP IN	
J2003	QNN0644-001	PIN JACK	V/L/R IN	
J2004	QNN0641-001	PIN JACK	CNTER CH IN/AUDIO IN	
J2007	QNN0645-001	PIN JACK	SUBWOOFER OUT / AUDIO OUT	

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
D0402	MA8100/M/-X	Z DIODE		
D0403	MA8100/M/-X	Z DIODE		
D0404	MA8100/M/-X	Z DIODE		
D0405	MA8100/M/-X	Z DIODE		
D0406	MA8100/M/-X	Z DIODE		
D0435	MA8100/M/-X	Z DIODE		
C0442	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C0443	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C0444	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C0445	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C0446	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C0447	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
R0401	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R0402	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R0403	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R0404	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R0405	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R0432	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0541	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R0542	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R0543	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
J0401	QNZ0438-001	AV JACK	S/V/L/R/ IN	
S0501	QSW0619-003Z	TACT SWITCH	VOL+	
S0502	QSW0619-003Z	TACT SWITCH	VOL-	
S0503	QSW0619-003Z	TACT SWITCH	MENU	
S0504	QSW0619-003Z	TACT SWITCH	CH+	
S0505	QSW0619-003Z	TACT SWITCH	CH-	

FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
Q0701	2SC3928A/QR/-X	TRANSISTOR		
Q0702	2SC3928A/QR/-X	TRANSISTOR		
Q0704	2SC3928A/QR/-X	TRANSISTOR		
Q0705	2SC3928A/QR/-X	TRANSISTOR		
Q0706	2SC3928A/QR/-X	TRANSISTOR		
Q0707	2SC3928A/QR/-X	TRANSISTOR		
D0701	SELU5E20C	LED	POWER	
D0703	MA8068-X	Z DIODE		
D0704	MA8068-X	Z DIODE		
D0705	LE22440	LED	LAMP/ATSC	
D0706	MA8068-X	Z DIODE		
D0707	MA8068-X	Z DIODE		
C0701	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C0702	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
R0706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0708	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0709	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0710	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0711	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R0712	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0713	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0714	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0715	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0716	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
S0701	QSW0619-003Z	TACT SWITCH	POWER	

LAMP COVER P.W. BOARD ASS'Y (SRP0L205A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
CN0CSW	WJK0173-001A	E-SI C WIRE C-B		
S0201	QSW1064-001	DETECT SWITCH		

RECIEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1140	CXA2205Q-X	IC		
IC1221	M62320FP-X	IC		
IC1250	RC4558D-X	IC		
IC1251	RC4558D-X	IC		
IC1252	CD4066BE	IC		
IC1621	LM393DR-X	IC		
IC1641	NJM2150AM-X	IC		
IC1661	TDA8925ST/N1	IC		
IC6001	NJM2701M-X	IC		
Q1101	2SA1530A/QR/-X	TRANSISTOR		
Q1102	2SC3928A/QR/-X	TRANSISTOR		
Q1221	2SC3928A/QR/-X	TRANSISTOR		
Q1250	2SC3928A/QR/-X	TRANSISTOR		
Q1251	2SA1530A/QR/-X	TRANSISTOR		
Q1252	2SA1530A/QR/-X	TRANSISTOR		
Q1253	2SC3928A/QR/-X	TRANSISTOR		
Q1254	2SA1530A/QR/-X	TRANSISTOR		
Q1255	2SC3928A/QR/-X	TRANSISTOR		
Q1256	UN2212-X	DIGI TRANSISTOR		
Q1257	UN2212-X	DIGI TRANSISTOR		
Q1291	2SK1374-X	MOS FET		
Q1292	2SK1374-X	MOS FET		
Q1661	UN2112-X	DIGI TRANSISTOR		
Q1662	2SC3928A/QR/-X	TRANSISTOR		
Q1663	UN2212-X	DIGI TRANSISTOR		
Q1672	2SC3928A/QR/-X	TRANSISTOR		
Q1673	2SA1530A/QR/-X	TRANSISTOR		
Q6001	2SC3928A/QR/-X	TRANSISTOR		
Q6002	2SC3928A/QR/-X	TRANSISTOR		
D1140	MA8100/M/-X	Z DIODE		
D1141	MA8100/M/-X	Z DIODE		
D1223	MA111-X	SI DIODE		
D1250	MA8100/M/-X	Z DIODE		
D1251	MA8100/M/-X	Z DIODE		
D1252	MA8100/M/-X	Z DIODE		
D1253	MA111-X	SI DIODE		
D1663	MA8033-X	Z DIODE		
D1667	MA111-X	SI DIODE		
D1668	MA111-X	SI DIODE		
D1669	MA111-X	SI DIODE		
D1671	MA8200-X	Z DIODE		
D1672	MA8200-X	Z DIODE		
D1673	MA8200-X	Z DIODE		
D1674	MA8200-X	Z DIODE		
C1101	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C1103	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1144	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1145	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C1146	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1147	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1148	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1149	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1150	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1151	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1152	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1153	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C1154	NCB31HK-123X	C CAPACITOR	0.012uF 50V K	
C1155	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1156	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1157	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1158	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1159	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1160	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1161	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1162	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1163	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C1164	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C1165	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	
C1166	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1167	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1168	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1169	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1170	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1171	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1172	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1221	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1222	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1250	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1251	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
C1252	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1253	NCB31HK-183X	C CAPACITOR	0.018uF 50V K	
C1254	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1255	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1256	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1257	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1258	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1259	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1260	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1261	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1262	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1263	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1291	QCS31HJ-100Z	C CAPACITOR	10pF 50V J	
C1292	QCS31HJ-100Z	C CAPACITOR	10pF 50V J	
C1621	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1622	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1623	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1624	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1625	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1626	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1627	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1628	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1629	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1630	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1631	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1632	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1633	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1641	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1642	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C1643	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C1645	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1646	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1647	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1648	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1651	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1652	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C1653	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C1661	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1662	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1663	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1664	QETN1HM-226Z	E CAPACITOR	22uF 50V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C1665	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1666	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1667	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1668	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1669	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C1670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C1672	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1673	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1674	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1675	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1676	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1677	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1678	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C1679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C1681	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1683	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1684	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1685	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1686	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1687	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1696	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1697	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1698	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J	
C1699	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J	
C6001	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C6002	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C6003	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6004	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6005	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6006	NCB31CK-273X	C CAPACITOR	0.027uF 16V K	
C6007	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6008	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6009	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C6010	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
R1104	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1105	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1107	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1111	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1140	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R1141	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1142	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1143	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1144	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1145	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1146	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1147	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R1149	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1151	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R1152	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1222	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1229	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1251	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1252	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1254	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1255	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1256	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1257	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1258	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1259	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1260	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1261	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1262	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1265	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1266	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1267	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1268	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1269	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1270	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1271	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1272	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1273	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1274	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1275	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1276	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1277	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1278	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1279	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1280	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R1281	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1284	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1285	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1291	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1292	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1611	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1612	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1614	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1615	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1616	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1619	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J	
R1625	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1626	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1628	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1630	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1632	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R1634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1641	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1642	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1643	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1646	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1648	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1649	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1651	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1652	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1653	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R1664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1665	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
⚠R1666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
⚠R1667	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
⚠R1668	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
⚠R1669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
R1670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1674	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1675	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1678	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1682	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1688	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1689	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6002	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6003	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6006	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6007	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6008	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6009	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
L1661	QQL28AK-560	COIL	56uH K	
L1662	QQL28AK-560	COIL	56uH K	
CN100F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN100T	QGF0508F1-40X	CONNECTOR	FFC/FPC (1-40)	
CN10FC	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
K1601	QQR0621-002Z	FERRITE BEADS		
K1602	QQR0621-002Z	FERRITE BEADS		
K1603	NQR0413-002X	FERRITE BEADS		
K1604	NQR0413-002X	FERRITE BEADS		
K1605	NQR0413-002X	FERRITE BEADS		
K1606	NQR0413-002X	FERRITE BEADS		
⚠TU1101	QAU0364-001	TUNER		

PRINTED WIRING BOARD PARTS LIST [HD-52Z585]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)

REFER TO PARTS LIST IN PAGE 3-10 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3005A-M2)

REFER TO PARTS LIST IN PAGE 3-10 FOR THIS P.W. BOARD.

REMOCON SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9005A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	MT46V2M32V1LG55	IC		
IC3502	MT46V2M32V1LG55	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV010A15T01	IC		
IC4004	24LC256-I/SM-X	IC		
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPA	IC(MCU)		
IC7002	24LC256-I/SM-X	IC		
IC7401	S-80828CLNB-W	IC		
IC7601	M306V7MG-088FP	IC(MCU)		
IC7602	24LC16B/SN-X	IC		
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC8001	SII9993CTG100	IC		
IC8002	S-24C02BFJ-X	IC		
IC8003	S-24C02BFJ-X	IC		
IC8004	SN74AHCT04PW-X	IC		
IC8005	S-80828CLNB-W	IC		
IC8006	TC74HC4066AFT-X	IC(DIGITAL)		
IC8008	AK4384VT-X	IC		
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q8002	2SK1228-X	MOS FET		
Q8003	2SK1228-X	MOS FET		
Q8004	DTC363TK-X	DIGI TRANSISTOR		
Q8005	UN2113-X	DIGI TRANSISTOR		
Q8006	UN2213-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7601	MA111-X	SI DIODE		
D8001	BAV99L-X	SI DIODE		
D8002	BAV99L-X	SI DIODE		
D8003	NAF0013-001X	ESD-SURPPRESSOR		
D8004	NAF0013-001X	ESD-SURPPRESSOR		
D8005	NAF0013-001X	ESD-SURPPRESSOR		
D8006	NAF0013-001X	ESD-SURPPRESSOR		
D8007	NAF0013-001X	ESD-SURPPRESSOR		
D8008	NAF0013-001X	ESD-SURPPRESSOR		
D8009	NAF0013-001X	ESD-SURPPRESSOR		
D8010	NAF0013-001X	ESD-SURPPRESSOR		
D8016	MA111-X	SI DIODE		
D8017	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C8001	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8004	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8007	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8009	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8012	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8017	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8019	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8021	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8025	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8028	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8033	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8035	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8037	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C8038	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8039	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8043	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8044	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8048	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8053	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8054	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C8104	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8105	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8106	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8113	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8114	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8115	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8118	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8120	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9012	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7061	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7663	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8004	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8005	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8010	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R8011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8012	NRSA63D-820X	MG RESISTOR	82Ω 1/16W D	
R8014	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R8015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8023	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8028	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8032	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8069	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8070	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8071	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8072	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8080	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8083	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8084	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8090	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R8091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NQR0413-003X	FERRITE BEADS		
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NQR0413-003X	FERRITE BEADS		
R9108	NQR0413-003X	FERRITE BEADS		
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9203	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R9207	NQR0413-003X	FERRITE BEADS		
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-2R2X	COIL	2.2uH K	
L0201	NQL092K-2R2X	COIL	2.2uH K	
L0301	NQL092K-2R2X	COIL	2.2uH K	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	COIL	1uH K	
L1201	NQL092K-6R8X	COIL	6.8uH K	
L1203	NQL092K-1R0X	COIL	1uH K	
L1301	NQL092K-6R8X	COIL	6.8uH K	
L1303	NQL092K-1R0X	COIL	1uH K	
L1401	NQL092K-6R8X	COIL	6.8uH K	
L1403	NQL092K-1R0X	COIL	1uH K	
L1501	NQL092K-4R7X	COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NQR0413-003X	FERRITE BEADS		
L3006	NQR0413-003X	FERRITE BEADS		
L3007	NQR0413-003X	FERRITE BEADS		
L3008	NQR0413-003X	FERRITE BEADS		
L3009	NQR0413-003X	FERRITE BEADS		
L3010	NQR0413-003X	FERRITE BEADS		
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NQR0413-003X	FERRITE BEADS		
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NQR0413-003X	FERRITE BEADS		

⚠Ref No.	Part No.	Part Name	Description	Local
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L8009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8018	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR		
J7001	QNS0001-001	3.5 JACK		
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NQR0489-002X	FERRITE BEADS		
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	C RESONATOR		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

LAMP COVER P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

RECIEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

PRINTED WIRING BOARD PARTS LIST [HD-61Z575]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)

REFER TO PARTS LIST IN PAGE 3-10 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3005A-M2)

REFER TO PARTS LIST IN PAGE 3-10 FOR THIS P.W. BOARD.

REMOCON SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9005A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D008A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	MT46V2M32V1LG55	IC		
IC3502	MT46V2M32V1LG55	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV010A15T01	IC		
IC4004	24LC256-I/SM-X	IC		
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPA	IC(MCU)		
IC7002	24LC256-I/SM-X	IC		
IC7401	S-80828CLNB-W	IC		
IC7601	M306V7MG-088FP	IC(MCU)		
IC7602	24LC16B/SN-X	IC		
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC8001	SII9993CTG100	IC		
IC8002	S-24C02BFJ-X	IC		
IC8003	S-24C02BFJ-X	IC		
IC8004	SN74AHCT04PW-X	IC		
IC8005	S-80828CLNB-W	IC		
IC8006	TC74HC4066AFT-X	IC(DIGITAL)		
IC8008	AK4384VT-X	IC		
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q8002	2SK1228-X	MOS FET		
Q8003	2SK1228-X	MOS FET		
Q8004	DTC363TK-X	DIGI TRANSISTOR		
Q8005	UN2113-X	DIGI TRANSISTOR		
Q8006	UN2213-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7601	MA111-X	SI DIODE		
D8001	BAV99L-X	SI DIODE		
D8002	BAV99L-X	SI DIODE		
D8003	NAF0013-001X	ESD-SURPPRESSOR		
D8004	NAF0013-001X	ESD-SURPPRESSOR		
D8005	NAF0013-001X	ESD-SURPPRESSOR		
D8006	NAF0013-001X	ESD-SURPPRESSOR		
D8007	NAF0013-001X	ESD-SURPPRESSOR		
D8008	NAF0013-001X	ESD-SURPPRESSOR		
D8009	NAF0013-001X	ESD-SURPPRESSOR		
D8010	NAF0013-001X	ESD-SURPPRESSOR		
D8016	MA111-X	SI DIODE		
D8017	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C8001	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8004	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8007	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8009	NDC31HJ-101X	C CAPACITOR	100pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C8012	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8017	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8019	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8021	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8025	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8028	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8033	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8035	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8037	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C8038	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8039	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8043	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8044	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8048	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8053	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8054	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C8104	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8105	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8106	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8113	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8114	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8115	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8118	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8120	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9012	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7061	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7663	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8004	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8005	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8010	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R8011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8012	NRSA63D-820X	MG RESISTOR	82Ω 1/16W D	
R8014	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R8015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8023	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8028	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8032	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8069	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8070	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8071	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8072	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8080	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8083	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8084	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8090	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R8091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NQR0413-003X	FERRITE BEADS		
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NQR0413-003X	FERRITE BEADS		
R9108	NQR0413-003X	FERRITE BEADS		
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9203	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R9207	NQR0413-003X	FERRITE BEADS		
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-2R2X	COIL	2.2uH K	
L0201	NQL092K-2R2X	COIL	2.2uH K	
L0301	NQL092K-2R2X	COIL	2.2uH K	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	COIL	1uH K	
L1201	NQL092K-6R8X	COIL	6.8uH K	
L1203	NQL092K-1R0X	COIL	1uH K	
L1301	NQL092K-6R8X	COIL	6.8uH K	
L1303	NQL092K-1R0X	COIL	1uH K	
L1401	NQL092K-6R8X	COIL	6.8uH K	
L1403	NQL092K-1R0X	COIL	1uH K	
L1501	NQL092K-4R7X	COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NQR0413-003X	FERRITE BEADS		
L3006	NQR0413-003X	FERRITE BEADS		
L3007	NQR0413-003X	FERRITE BEADS		
L3008	NQR0413-003X	FERRITE BEADS		
L3009	NQR0413-003X	FERRITE BEADS		
L3010	NQR0413-003X	FERRITE BEADS		
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NQR0413-003X	FERRITE BEADS		
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NQR0413-003X	FERRITE BEADS		

⚠Ref No.	Part No.	Part Name	Description	Local
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L8009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8018	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COPULINK III	
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NQR0489-002X	FERRITE BEADS		
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	C RESONATOR		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

LAMP COVER P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

RECIEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

PRINTED WIRING BOARD PARTS LIST [HD-61Z585]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)

REFER TO PARTS LIST IN PAGE 3-10 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3005A-M2)

REFER TO PARTS LIST IN PAGE 3-10 FOR THIS P.W. BOARD.

REMOCON SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9005A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D006A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	MT46V2M32V1LG55	IC		
IC3502	MT46V2M32V1LG55	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV010A15T01	IC		
IC4004	24LC256-I/SM-X	IC		
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPA	IC(MCU)		
IC7002	24LC256-I/SM-X	IC		
IC7401	S-80828CLNB-W	IC		
IC7601	M306V7MG-088FP	IC(MCU)		
IC7602	24LC16B/SN-X	IC		
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC8001	SII9993CTG100	IC		
IC8002	S-24C02BFJ-X	IC		
IC8003	S-24C02BFJ-X	IC		
IC8004	SN74AHCT04PW-X	IC		
IC8005	S-80828CLNB-W	IC		
IC8006	TC74HC4066AFT-X	IC(DIGITAL)		
IC8008	AK4384VT-X	IC		
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q8002	2SK1228-X	MOS FET		
Q8003	2SK1228-X	MOS FET		
Q8004	DTC363TK-X	DIGI TRANSISTOR		
Q8005	UN2113-X	DIGI TRANSISTOR		
Q8006	UN2213-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7601	MA111-X	SI DIODE		
D8001	BAV99L-X	SI DIODE		
D8002	BAV99L-X	SI DIODE		
D8003	NAF0013-001X	ESD-SURPPRESSOR		
D8004	NAF0013-001X	ESD-SURPPRESSOR		
D8005	NAF0013-001X	ESD-SURPPRESSOR		
D8006	NAF0013-001X	ESD-SURPPRESSOR		
D8007	NAF0013-001X	ESD-SURPPRESSOR		
D8008	NAF0013-001X	ESD-SURPPRESSOR		
D8009	NAF0013-001X	ESD-SURPPRESSOR		
D8010	NAF0013-001X	ESD-SURPPRESSOR		
D8016	MA111-X	SI DIODE		
D8017	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C8001	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8004	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8007	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8009	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8012	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8017	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8019	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8021	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8025	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8028	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8033	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8035	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8037	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C8038	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8039	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8043	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8044	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8048	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8053	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8054	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C8104	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8105	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8106	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8113	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8114	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8115	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8118	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8120	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9012	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7061	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7663	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8004	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8005	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8010	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R8011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8012	NRSA63D-820X	MG RESISTOR	82Ω 1/16W D	
R8014	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R8015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8023	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8028	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8032	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8069	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8070	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8071	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8072	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8080	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8083	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8084	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8090	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R8091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NQR0413-003X	FERRITE BEADS		
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NQR0413-003X	FERRITE BEADS		
R9108	NQR0413-003X	FERRITE BEADS		
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9203	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R9207	NQR0413-003X	FERRITE BEADS		
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-2R2X	COIL	2.2uH K	
L0201	NQL092K-2R2X	COIL	2.2uH K	
L0301	NQL092K-2R2X	COIL	2.2uH K	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	COIL	1uH K	
L1201	NQL092K-6R8X	COIL	6.8uH K	
L1203	NQL092K-1R0X	COIL	1uH K	
L1301	NQL092K-6R8X	COIL	6.8uH K	
L1303	NQL092K-1R0X	COIL	1uH K	
L1401	NQL092K-6R8X	COIL	6.8uH K	
L1403	NQL092K-1R0X	COIL	1uH K	
L1501	NQL092K-4R7X	COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NQR0413-003X	FERRITE BEADS		
L3006	NQR0413-003X	FERRITE BEADS		
L3007	NQR0413-003X	FERRITE BEADS		
L3008	NQR0413-003X	FERRITE BEADS		
L3009	NQR0413-003X	FERRITE BEADS		
L3010	NQR0413-003X	FERRITE BEADS		
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NQR0413-003X	FERRITE BEADS		
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NQR0413-003X	FERRITE BEADS		

⚠Ref No.	Part No.	Part Name	Description	Local
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L8009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8018	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COPULINK III	
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NQR0489-002X	FERRITE BEADS		
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	C RESONATOR		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

LAMP COVER P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

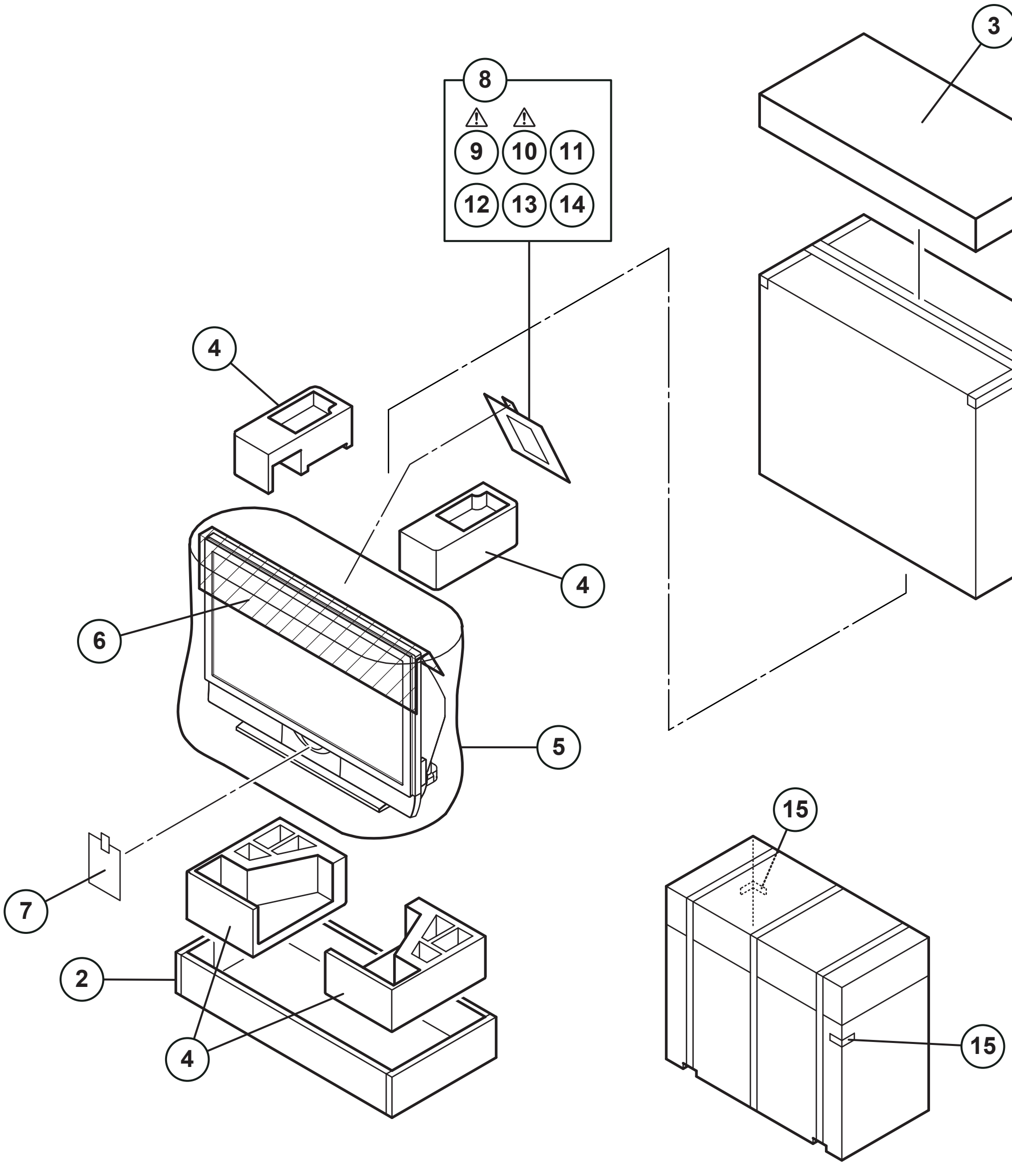
RECIEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

REMOTE CONTROL UNIT PARTS LIST (RM-C15G-1H)

⚠Ref No.	Part No.	Part Name	Description	Local
	UR77EC1403A	BATTERY COVER		

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC12022-001A-A	PACKING CASE		HD-52Z575,HD-52Z585
	1	LC12022-002A-A	PACKING CASE		HD-61Z575,HD-61Z585
	2	LC12023-001A-A	BOTTOM CASE		HD-52Z575,HD-52Z585
	2	LC12023-002A-A	BOTTOM CASE		HD-61Z575,HD-61Z585
	3	LC12031-001A-A	TOP CASE		HD-52Z575,HD-52Z585
	3	LC12031-002A-A	TOP CASE		HD-61Z575,HD-61Z585
	4	LC11878-002A-A	CUSHION ASSY	4pcs in 1set	HD-52Z575,HD-52Z585
	4	LC11919-002A-A	CUSHION ASSY	4pcs in 1set	HD-61Z575,HD-61Z585
	5	LC32833-001A-A	POLY BAG		
	6	CP30055-007-A	TOP COVER		
	7	LCT1711-001A-A	INST SHEET		
	8	QPA02503505	POLY BAG	25cm x 35cm	
⚠	9	LCT1611-001A-A	INST BOOK	English	
⚠	10	LCT1612-001A-A	INST BOOK	French	
	11	GQ40028-001A-A	INSERT SHEET		
	12	BT-51034-2Q	REGIST. CARD		
	13	RM-C15G-1H	REMOCON		
	14	------------	BATTERY	(x2)	
	15	GQ30037-001A-A	CORNER LABEL	2pcs in 1set	